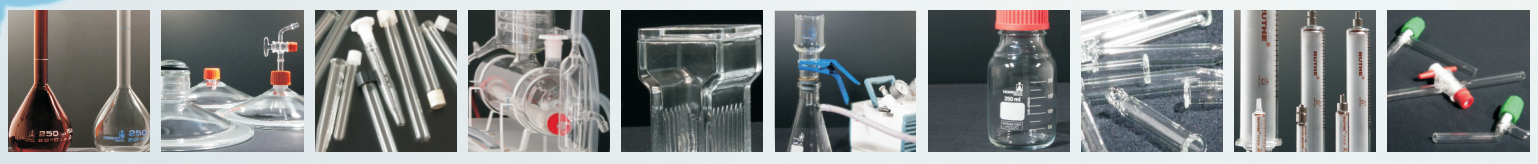
Suministros Generales
para Laboratorio, S.L.

Vidrio de laboratorio

NORMAX

Our best is the least you can expect



QUALITY assurance | Garantía de CALIDAD | Assurance de QUALITÉ

The choice of the NORMAX's product assures the selection of a supplier, whose main priority is customer satisfaction.

Having the management system certified since 1995, NORMAX ensures an high level of product quality and excellent service. From planning and raw-material purchases until final satisfaction assessment of its products and services, Normax's highly skilled technical staff keep a constant cycle of improvement and innovation.

La elección del producto Normax garantiza la selección de un proveedor cuya principal prioridad es la satisfacción del cliente, contestando a las expectativas del mercado.

Teniendo el sistema de gestión certificado desde 1995, Normax asegura un elevado nivel de calidad que es el resultado del control de todo el proceso, desde la planificación y compra de las materias primarias hasta la evaluación de la satisfacción de sus productos y servicios, manteniendo en acción un constante ciclo de mejorías.

Le choix du produit Normax garanties la sélection d'un fournisseur dont la principale priorité est la satisfaction du client, en répondant aux expectatives du marché.

Ayant son système de gestion certifié dès 1995, Normax assure un haut niveau de qualité, réussit par le contrôle du procès, dés la planification et l'achat des matières premières jusqu'à l'évaluation de la satisfaction des produits et services, en maintenant un cycle constant d'amélioration.

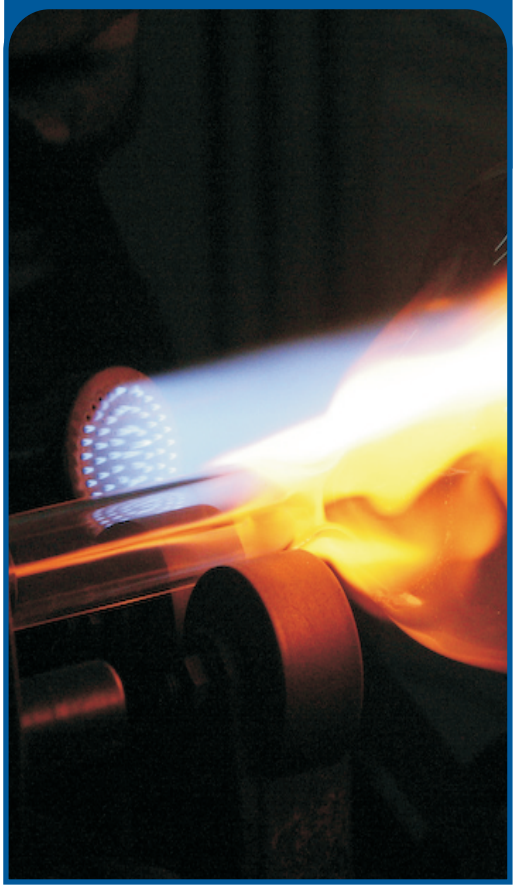
Technical information | Información técnica | Renseignements techniques

We believe that in this catalogue you will find enough information for an easy identification and selection of each product. Yet, when requested, NORMAX will supply all the details and additional technical support that can be of help for its correct use.

Nosotros creemos que en este catálogo, encontrará información suficiente para la simple identificación y selección de cada producto. Sin embargo, cuando solicitado, NORMAX hará disponibles todos los detalles y apoyo técnico adicionales para ayudar en su correcta utilización.

Dans ce catalogue, nous croyons qu'il y a l'information générale suffisante pour l'identification simple et la sélection de chaque produit, cependant, sous demande, NORMAX rendra disponibles tous les détails et support technique additionnels qui puissent aider sa correcte utilisation.

Repairing services of glass articles
Reparación de piezas de vidrio
La réparation des pièces en verre



Custom made glass articles
Fabricación de piezas a la medida
Fabrication des pièces spéciales



Manufacturing flexibility
Flexibilidad de fabricación
Flexibilité de la fabrication



Cleaning of glassware | Limpieza de vidrio

All the laboratory glassware manufactured by NORMAX can be cleaned manually or using a laboratory washing machine.

Nevertheless, to reduce erosion of the glass and graduation marks, we recommend gentle cleaning with detergents of low alkalinity at temperatures below 70ºC. Long immersion times are not recommended.

All NORMAX glassware undergoes stabilizing thermal treatments at temperatures higher than 500ºC. Nevertheless, we do not recommend the users to exceed the temperature of 180ºC to dry volumetric instruments. Care should also be taken to avoid thermal shock.

Todo el material científico de vidrio fabricado por NORMAX puede ser limpiado manualmente o usando un lavavajillas de laboratorio.

No obstante, para reducir la erosión del vidrio y de las marcas de graduación, NORMAX recomienda una cuidadosa limpieza con detergentes de baja alcalinidad a temperaturas menores a 70ºC. No se recomiendan largos tiempos de inmersión.

Todo el vidrio científico de laboratorio NORMAX se somete tratamientos térmicos de estabilización (recocido del vidrio) a temperaturas superiores a 500ºC. No obstante, NORMAX no recomienda al usuario final exceder temperaturas de 180ºC para secar material volumétrico. Asimismo, debe tenerse precaución para evitar choques térmicos.

QUALITY | CALIDAD | QUALITÉ

Mission

To supply laboratory and hospital consumables assuring the satisfaction of all the involved parties

Vision

To be recognised as a provider of products and services of excellence.

Policy

The implementation of the Normax policy shall be observed in all its business activities based on the following values:

- Sustainable development
- Customer satisfaction
- Workforce satisfaction and motivation
- Social commitments

Misión

Proveer bienes consumibles de laboratorio y hospitalarios, garantizando la satisfacción de todas las partes interesadas.

Visión

Ser reconocido como proveedor de productos y servicios de excelencia.

Política

Se pretende que la política de Normax sea implementada en todas las actividades de negocio, basándose en los siguientes valores:

- Desarrollo sostenible
- Satisfacción del cliente
- Satisfacción y motivación de sus colaboradores
- Compromisos sociales

Mission

Fournir des biens consommables de laboratoire et hôpital, en assurant la satisfaction des parties intéressées.

Vision

Reconnaissance comme fournisseur des produits et services d'excellence.

Politique

L'implémentation de la politique de Normax sera effective dans ses toutes activités, sur la base des valeurs suivantes :

-Développement soutenable

-Satisfaction du client

-Satisfaction et motivation des collaborateurs ;

-Engagements sociaux

NP EN ISO 9001:2015


SGS

Certificado de Conformidade

Certificate of Registration

PT01/00466

O Sistema de Gestão da Organização

NORMAX – Fábrica de Vidros Científicos, Lda.

Rua Santa Isabel, Nº 17 - Apartado 23
2430-475 MARINHA GRANDE

foi auditado e cumpre com os requisitos da norma

NP EN ISO 9001:2015

Pelas atividades de:

Concepção e Fabrico de Artefactos de Vidro e Plástico de Laboratório para a Saúde, Ensino, Investigação, Indústria Farmacêutica e Veterinária. Comercialização de Produtos Complementares da Gama Produzida, Dispositivos Médicos não Activos, Dispositivos Médicos para Diagnóstico in Vitro e Equipamentos de Laboratório e Hospitalares. Assistência Técnica a Equipamentos de Laboratório e Hospitalares.

Este certificado é válido desde

This certificate is valid from

19 de abril de 2018 até 11 de abril de 2020,

sujeito a auditorias de acompanhamento com resultados satisfatórios

19th April 2018 until 11th April 2020, and remains valid subject to satisfactory surveillance audits

Auditoria de Renovação a realizar antes de 11 de fevereiro de 2020

Re-certification audit due before 11th February 2020

Versão 11. Certificado pela SGS desde outubro de 2001

Issue 11. Certified with SGS since October 2001

A auditoria que levou à emissão deste certificado teve início em 20 de fevereiro de 2018

The audit leading to this certificate commenced on 20th February 2018

A data de validade do certificado anterior foi até 18 de abril de 2018

Previous issue certificate validity date was until 18th April 2018

Autorizado por:

Authorized by

Luís Neves

Direção de Certificação

Certification Management

Isabel Berger

IPAC acreditação

A0003

Certificação Sistemas de Gestão

Your volume metrology expert

Calibration of all types of volumetric instruments.

Calibrations performed by NORMALAB are recognised internationally.

Management system of Normalab according to EN ISO/IEC 17025.

Accreditation scope

		Measuring cylinder
		5 ≤ *V* ≤ 2000 ml
Volumetric flask	**Pycnometer**	**Pipettor and micropipette**
5 ≤ *V* ≤ 5000 ml	1 ≤ *V* ≤ 5000 ml	0,1 ≤ *V* ≤ 20000 µl
Burette with piston	**Graduated pipette**	**Dilutor and Dispenser**
0,001 ≤ *V* ≤ 50 ml	0,1 ≤ *V* ≤ 50 ml	1 µl ≤ *V* ≤ 200 ml
Burette without piston	**Volumetric pipette**	**Syringe and microsyringe**
0,5 ≤ *V* ≤ 100 ml	0,5 ≤ *V* ≤ 200 ml	1 µl ≤ *V* ≤ 100 ml

Especialistas en la metrología del volumen

Calibración de todos los tipos de instrumentos volumétricos.

Las calibraciones realizadas por NORMALAB son reconocidas internacionalmente.

Sistema de gestión del Normalab de acuerdo con EN ISO/IEC 17025.

Alcance de la acreditación

		Probeta graduada
		5 ≤ *V* ≤ 2000 ml
Matraz aforado	**Picnómetro**	**Micropipeta y macropipeta**
5 ≤ *V* ≤ 5000 ml	1 ≤ *V* ≤ 5000 ml	0,1 ≤ *V* ≤ 20000 µl
Bureta con émbolo	**Pipeta graduada**	**Diluidores y dispensadores**
0,001 ≤ *V* ≤ 50 ml	0,1 ≤ *V* ≤ 50 ml	1 µl ≤ *V* ≤ 200 ml
Bureta sin émbolo	**Pipeta aforada**	**Jeringas y microjeringas**
0,5 ≤ *V* ≤ 100 ml	0,5 ≤ *V* ≤ 200 ml	1 µl ≤ *V* ≤ 100 ml

Experts dans la métrologie de volume

Étalonnage de tous les types d'instruments volumétriques.

Les étalonnages effectués par NORMALAB sont reconnus internationalement.

Système de gestion de Normalab en accord avec EN ISO/IEC 17025.

Portée d'accréditation

		Éprouvette graduée
		5 ≤ *V* ≤ 2000 ml
Fiole jaugée	**Pycnomètre**	**Micropipette et macropipette**
5 ≤ *V* ≤ 5000 ml	1 ≤ *V* ≤ 5000 ml	0,1 ≤ *V* ≤ 20000 µl
Burette avec piston	**Pipette graduée**	**Diluants et distributeurs**
0,001 ≤ *V* ≤ 50 ml	0,1 ≤ *V* ≤ 50 ml	1 µl ≤ *V* ≤ 200 ml
Burette sans piston	**Pipette jaugée**	**Seringues et microseringues**
0,5 ≤ *V* ≤ 100 ml	0,5 ≤ *V* ≤ 200 ml	1 µl ≤ *V* ≤ 100 ml

Accreditation certificate | Certificado de acreditación | Certificat d'accréditation

Accreditation certificate available at www.normax.pt

Worldwide competence recognition by ILAC MRA

Certificado de acreditación disponible en www.normax.pt

Competencia internacional reconocida por ILAC MRA

Certificat d'accréditation disponible sur www.normax.pt

Compétence reconnue internationalement par l'ILAC MRA

IPAC acreditação
M0056
Calibração

ilac-MRA



INSTITUTO PORTUGUÊS DE ACREDITAÇÃO IPAC acreditação

Certificado de Acreditação — Accreditation Certificate

O Instituto Português de Acreditação (IPAC) declara, como organismo nacional de acreditação, que

The Portuguese Accreditation Institute (IPAC) hereby declares, as national accreditation body, that

Normax - Fabrica de Vidros Cientificos, Lda.
NORMALAB - Laboratório de Calibração de Vidraria Volumétrica

Rua de Santa Isabel, 17
Apartado 23
2431-955 Marinha Grande

cumpre com os critérios de acreditação para Laboratórios de Calibração estabelecidos na

complies with the accreditation criteria for calibration laboratories as laid down in ISO/IEC 17025 - General requirements for the competence of testing and calibration laboratories.

NP EN ISO/IEC 17025:2005
Requisitos gerais de competência para laboratórios de ensaio e calibração.

A acreditação demonstra a competência técnica para o âmbito descrito no(s) Anexo(s) Técnico(s) com o mesmo número de acreditação, e o funcionamento de um sistema de gestão da qualidade.

The accreditation demonstrates technical competence for scope described in the Annex(es) bearing the same accreditation number, and the operation of a quality management system

A acreditação é válida enquanto o laboratório continuar a cumprir com todos os critérios de acreditação estabelecidos.

The accreditation is valid provided that the laboratory continues to meet the accreditation criteria established.

A acreditação foi concedida em 2000-05-25.
O presente Certificado tem o número de acreditação

The accreditation was granted for the first time on 2000-05-25.
This Certificate has the accreditation number M0056 and was issued on 2007-03-16 replacing the one issued on 2006-01-03.

M0056

e foi emitido em 2007-03-16 substituindo o anteriormente emitido em 2006-01-03.

Leopoldo Cortez
Director

O IPAC é signatário dos Acordos de Reconhecimento Mútuo da EA e do ILAC

IPAC is a signatory to the EA MLA and ILAC MRA



Glassware
Vidrio
Verrerie



Plastic ware
Plástico
Plastique



Liquid handling
Dispensación de líquidos
Liquide de dosage



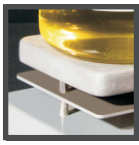
Pathology
Patología
Pathologie



Hygiene and protection
Higiene y protección
Hygiène et protection



Sample collection
Toma de muestras
Prélèvement d'échantillonnage



Laboratory equipment
Equipos de laboratorio
Equipement de laboratoire



Porcelain ware
Porcelana
Porcelaine



Reagents and culture media
Reactivos y medios de cultivo
Réactifs et milieux de culture



Clinical furniture
Mobiliario clínico
Mobilier clinique



Surgery
Cirugía
Chirurgie



Microbiological water testing and analysis
Análisis y control de agua
Analyse et contrôle de l'eau



Filter paper
Papel de filtro
Papier de filtre



Volumetric glassware | Vidrio volumétrico | Verrerie volumétrique 06 - 31



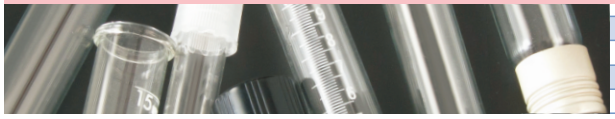
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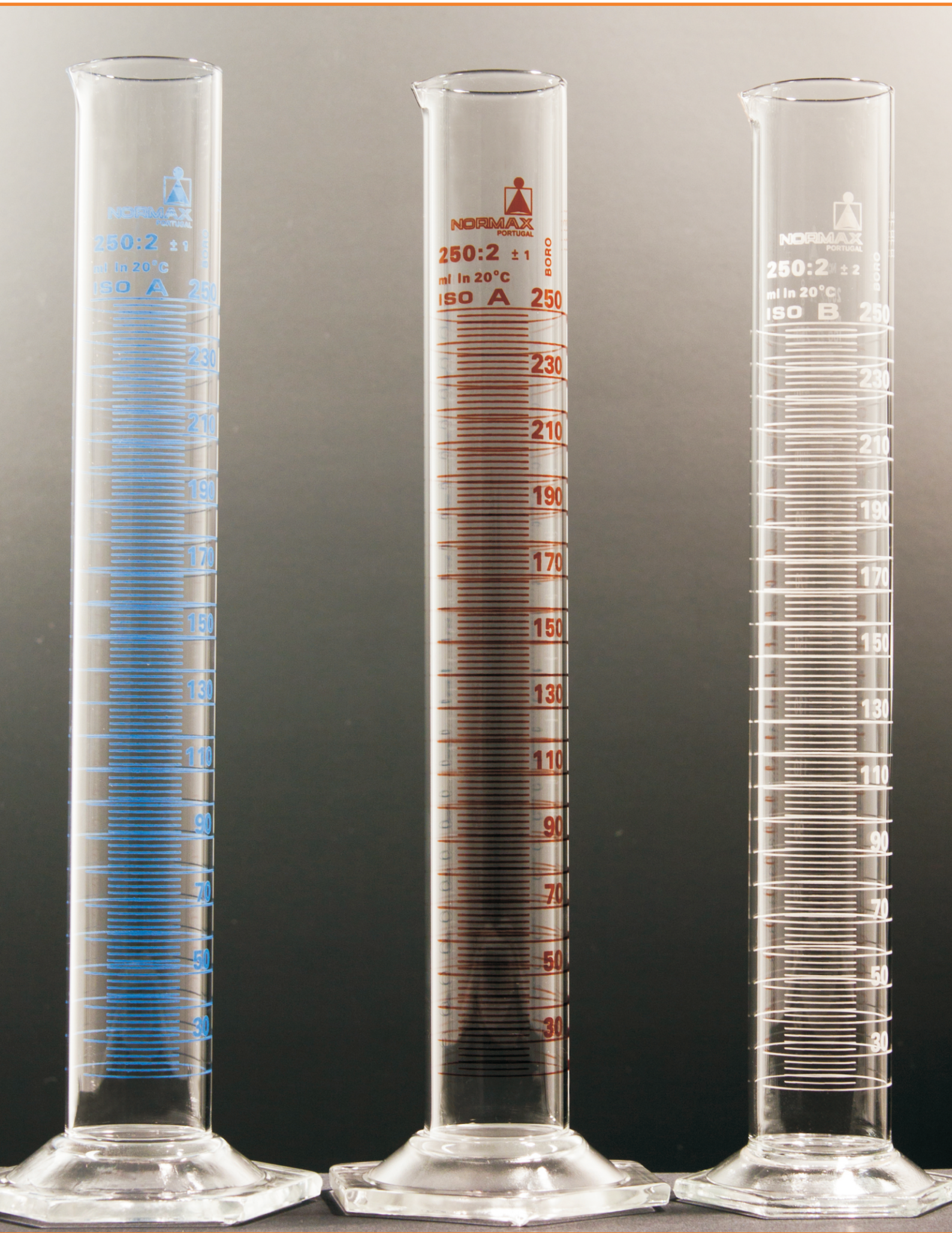


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NORMAX
PORTUGAL
250:2 ±1
ml in 20°C
ISO A
BORO
250
230
210
190
170
150
130
110
90
70
50
30
NORMAX
PORTUGAL
250:2 ±1
ml in 20°C
ISO A
BORO
250
230
210
190
170
150
130
110
90
70
50
30
NORMAX
PORTUGAL
250:2 ±2
ml in 20°C
ISO B
BORO
250
230
210
190
170
150
130
110
90
70
50
30


NORMAX
PORTUGAL
250
ml
20°C
± 0,15
NORMAX
PORTUGAL
250
20°C

Batch certificate | Certificado de serie | Certificat de performance

The Normax volumetric instrument users have at their disposal the most efficient traceability system - the batch number. Each instrument is ineffaceably marked with the production batch number. This number will match the one stated on the certificate of performance which is issued based on the inspection results (SPC).

When you receive Normax volumetric glassware you will not need to spend any further time or other resources to mark the instruments, for, we have done it already, specially for you, thanks to our advanced quality system.

Los utilizadores de los instrumentos volumétricos Normax tienen a su disposición lo más eficaz sistema de garantía de rastreo - el número de serie. Cada instrumento es indeleblemente marcado con el número de serie de fabricación.

Este es el número que está en el certificado de calidad emitido con base en los resultados de la inspección (SPC).

Cuando recibe los vidrios volumétricos de Normax no necesita dispender de tiempo u otros recursos marcando los instrumentos pues, gracias al nuestro avanzado sistema de calidad, nosotros ya lo hicimos especialmente para usted.

Les utilisateurs des instruments volumétriques Normax ont à leur disposition le plus efficace système de traçabilité - le numéro de série. Chaque instrument est marqué indélébilement avec le numéro de série de fabrication. Ce numéro là sera registré dans le certificat de performance émis avec les résultats de l'inspection (SPC).

En recevant la verrerie volumétrique Normax, vous n'aurez pas besoin de mettre du temps et d'autres ressources en marquant les instruments, car nous, grâce à notre système de gestion avancé, l'avons fait déjà, spécialement pour vous.



NORMAX

Certificado de série
Batch certificate

Data / Date	00.00.0000
Referência / Art. no.	3.5433034
Designação / Description	
Bureta torneira direita macho PTFE 0,05 AS 25 ml	
Burette straight stopcock. PTFE key. w/o flared top. 0,05 AS 25 ml	
Série / Batch	000000
Unidade / Units	ml
Volume nominal / Nominal volume	25
Divisão / Division	0.05
Norma / Standard	ISO 385
Tolerância / Tolerance	0.030
Média / Mean value	000000
Desvio padrão / Standard deviation	000000

www.normax.pt

DP015 Rev 4.09.17

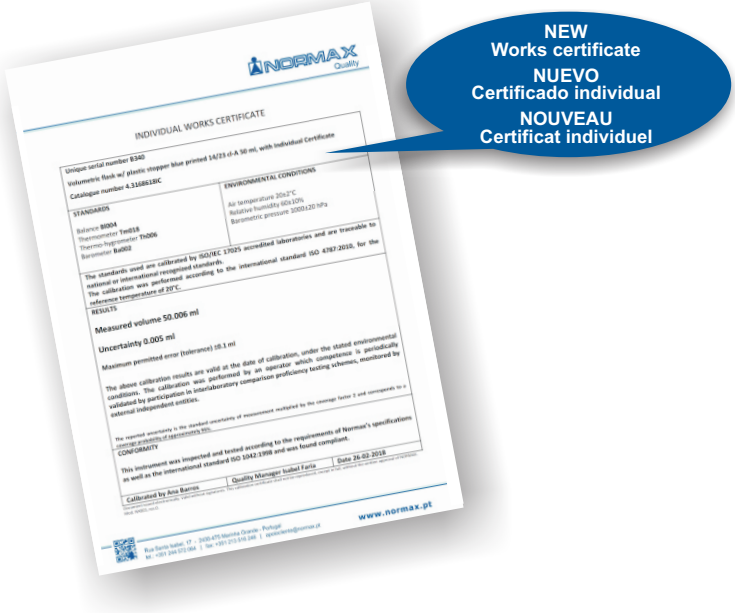
Certificado de série
Batch certificate

...mperatura de 20ºC.
...acreditado (ISO/IEC 17025)
...ais reconhecidos.
...são produzidos no âmbito
...sde 1995.

The standards used are calibrated by ISO/IEC 17025 accredited laboratories and are traceable to national or international recognized standards.

The products certified by this document are manufactured under a quality system certified since 1995.

Certificado ISO 9001:2008 disponível em
ISO 9001:2008 certificate available at **www.normax.pt**



NEW
Works certificate
NUEVO
Certificado individual
NOUVEAU
Certificat individuel

Calibration certificate | Certificado de calibración | Certificat d'étalonnage

Issued by Normalab, our independent and accredited laboratory). The measured instrument is individually identified and this number will correspond to the calibration certificate number.

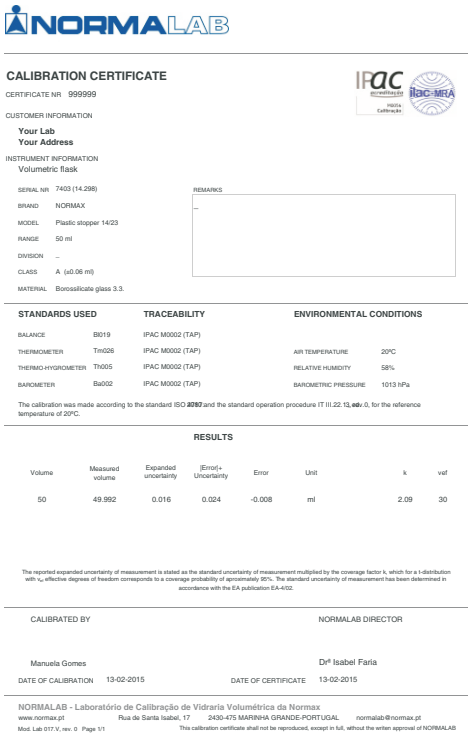
In this case, the results stated in the certificate are the values that have been obtained for each item (accreditation certificate at www.normax.pt).

Emitido por Normalab, nuestro laboratorio acreditado e independiente. El instrumento medido es identificado individualmente, correspondiendo esta identificación al número del certificado de calibración.

En ese caso, los resultados que están en el certificado son los valores obtenidos para cada instrumento.

Émis par Normalab, notre laboratoire accrédité et indépendant. L'instrument mesuré est identifié individuellement, en correspondant cet identification au numéro du certificat d'étalonnage.

Dans ce cas, les résultats mentionnés au certificat sont les valeurs obtenues pour chaque instrument.



NORMALAB

CALIBRATION CERTIFICATE

IPAC Calibração — ILAC-MRA

CERTIFICATE NR 999999

CUSTOMER INFORMATION

Your Lab
Your Address

INSTRUMENT INFORMATION

Volumetric flask

SERIAL NR	7403 (14.298)
BRAND	NORMAX
MODEL	Plastic stopper 14/23
RANGE	50 ml
DIVISION	–
CLASS	A (±0.06 ml)
MATERIAL	Borossilicate glass 3.3.

REMARKS

–

STANDARDS USED		TRACEABILITY	ENVIRONMENTAL CONDITIONS	
BALANCE	Bl019	IPAC M0002 (TAP)		
THERMOMETER	Tm026	IPAC M0002 (TAP)	AIR TEMPERATURE	20ºC
THERMO-HYGROMETER	Th005	IPAC M0002 (TAP)	RELATIVE HUMIDITY	58%
BAROMETER	Ba002	IPAC M0002 (TAP)	BAROMETRIC PRESSURE	1013 hPa

The calibration was made according to the standard ISO **8787** and the standard operation procedure IT III.22.13, **ed.v.** 0, for the reference temperature of 20ºC.

RESULTS

Volume	Measured volume	Expanded uncertainty	[Error]+ Uncertainty	Error	Unit	k	vef
50	49.992	0.016	0.024	-0.008	ml	2.09	30

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k, which for a t-distribution with ν_{eff} effective degrees of freedom corresponds to a coverage probability of aproximately 95%. The standard uncertainty of measurement has been determined in accordance with the EA publication EA-4/02.

CALIBRATED BY — NORMALAB DIRECTOR

Manuela Gomes — Drª Isabel Faria

DATE OF CALIBRATION 13-02-2015 — DATE OF CERTIFICATE 13-02-2015

NORMALAB - Laboratório de Calibração de Vidraria Volumétrica da Normax

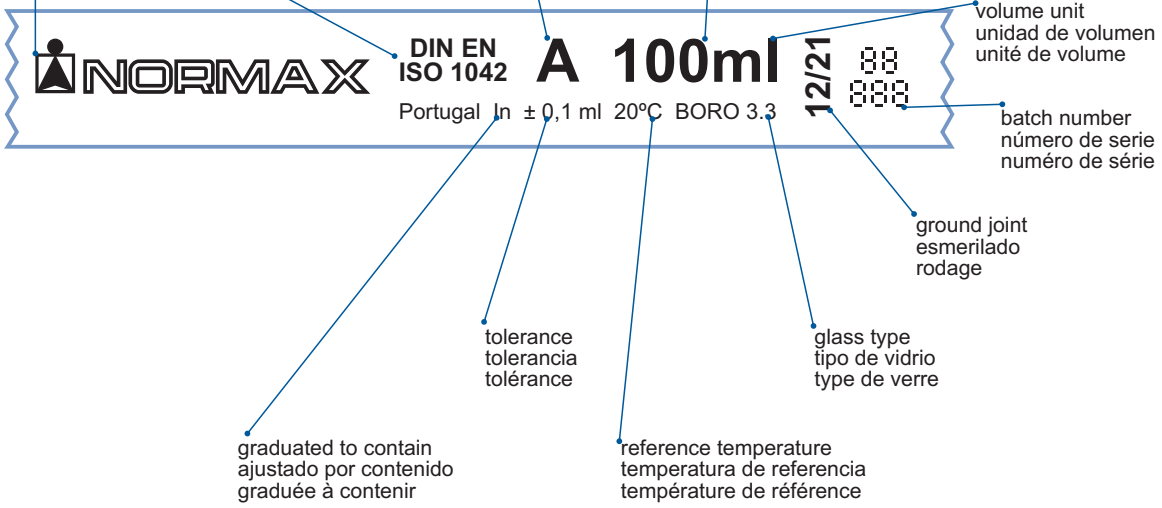
www.normax.pt Rua de Santa Isabel, 17 2430-475 MARINHA GRANDE-PORTUGAL normalab@normax.pt

Mod. Lab 017.V, rev. 0 Page 1/1

This calibration certificate shall not be reproduced, except in full, without the written approval of NORMALAB

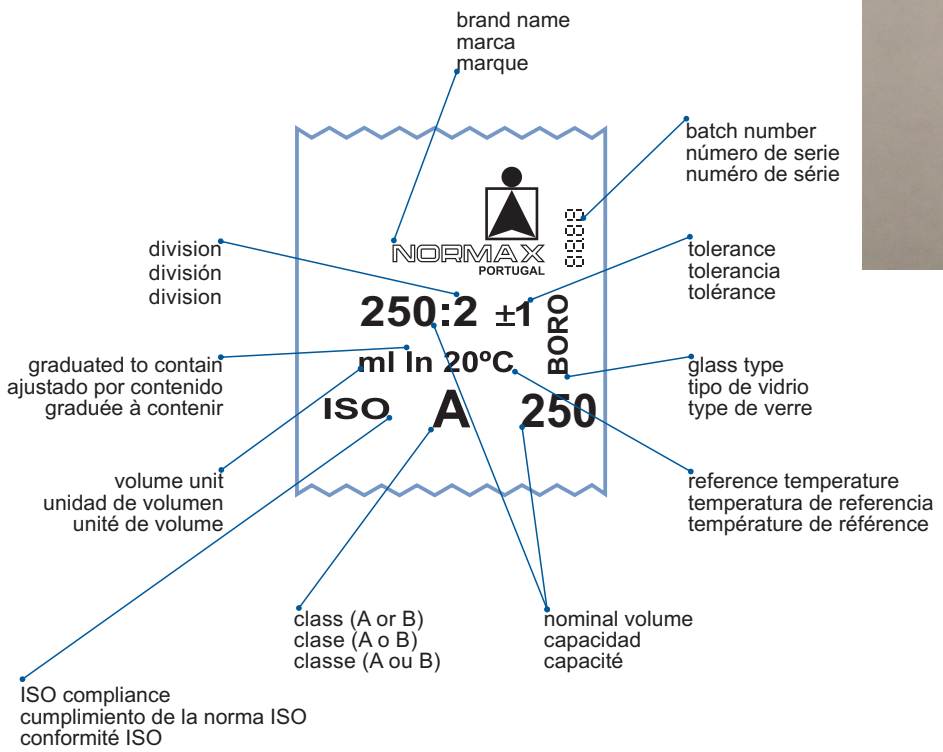
Volumetric flask | Matraz Aforado | Fiole Jaugée





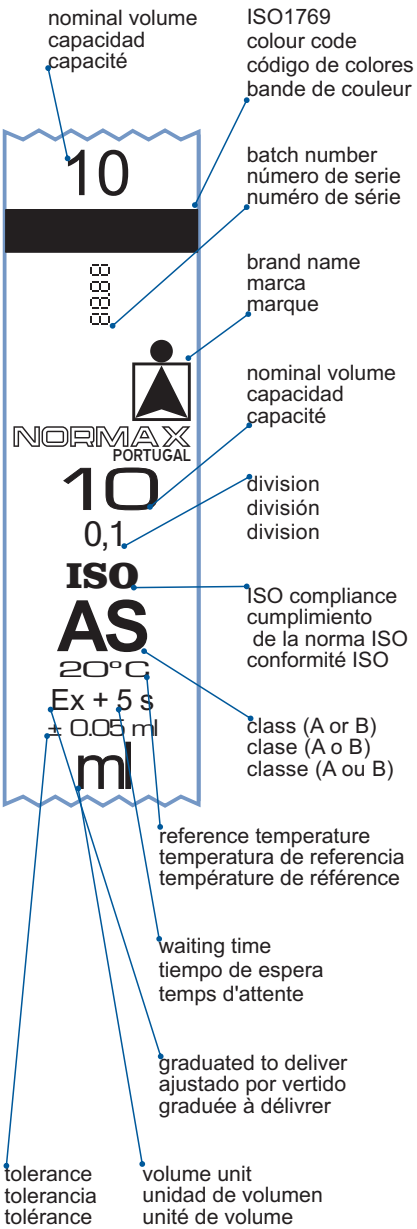
Measuring cylinder | Probeta Graduada | Éprouvette Graduée





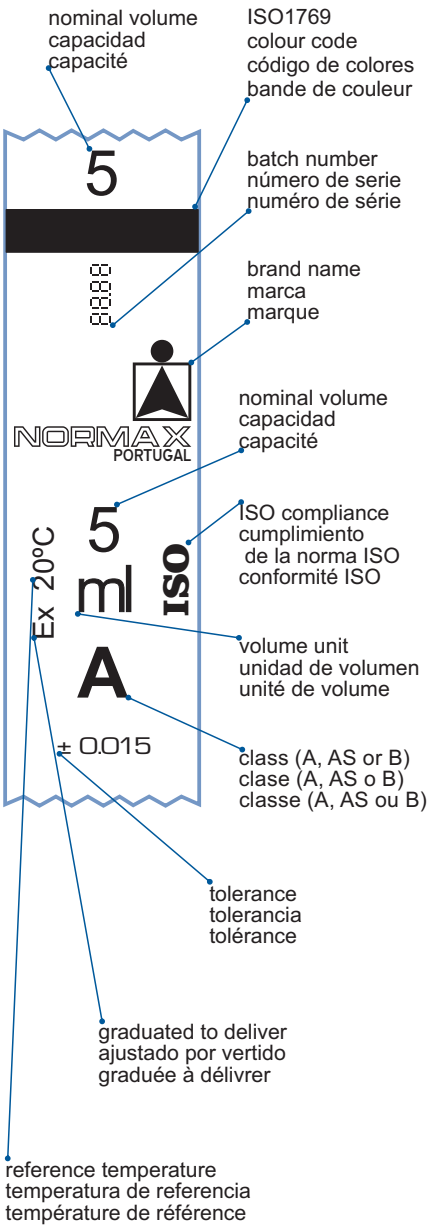
Graduated pipette | Pipeta graduada | Pipette graduée



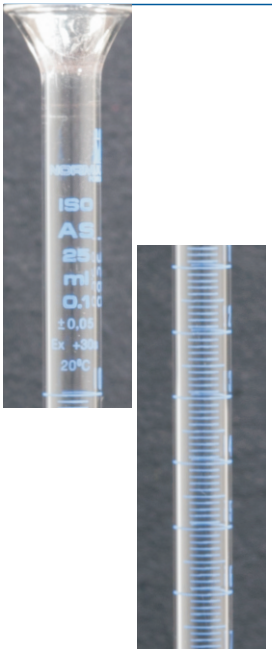


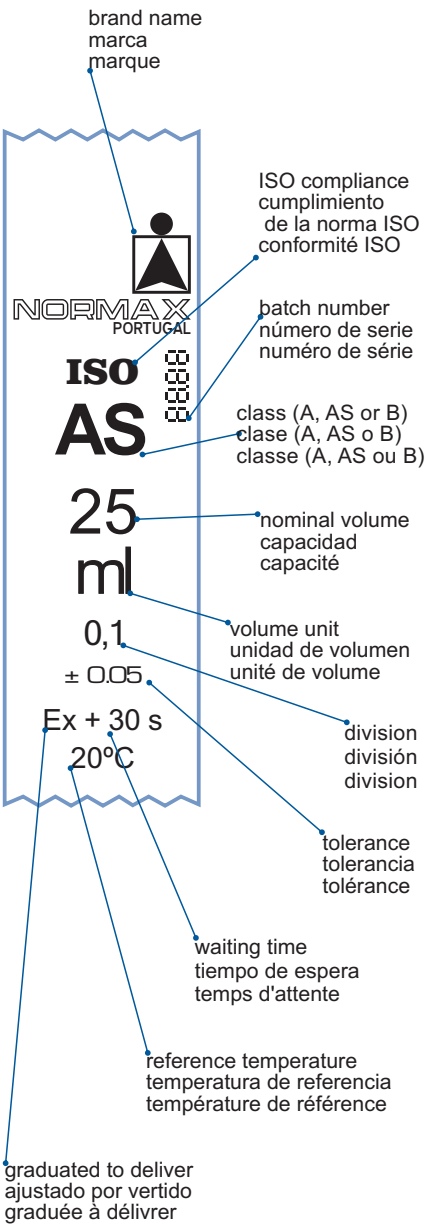
Volumetric pipette | Pipeta aforada | Pipette jaugée





Burette | Bureta | Burette





New | Nuevo | Nouveau

Batch certificate (NOW 1 per piece)
Certificado de serie (AHORA 1 por pieza)
Certificat de performance (MAINTENANT 1 par pièce)







Works certificate
Certificado individual
Certificat individuel



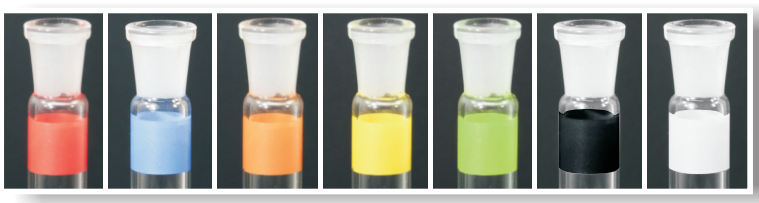
USP standard on request
Norma USP a pedido
Norme USP sous demande

NORMAX ECO

NEW
Economic line

NOUVEAU
Ligne économique

NUEVO
Línea económica



ID stripe available in 7 colours
La tarja identificación disponible en 7 colores
Bande identificatrice disponible en 7 couleurs



Glass stopper
Tapón de vidrio
Bouchon en verre



Screw cap
Tápon de rosca
Bouchon à vis

Volumetric flask | Matraz aforado | Fiole jaugée

Class A
Boro 3.3 glass
Batch certificate per each item
Graduated to contain (IN)
Works certificate available on request
Available: calibration certificate by NormaLab (ISO 17025 accredited laboratory)

Clase A
Vidrio boro 3.3
Certificado de serie por pieza
Ajustado por contenido (IN)
Certificado individual a pedido
Disponible: certificado de calibración por NORMALAB (laboratorio acreditado según la norma ISO 17025)

Classe A
Verre boro 3.3
Certificat de performance par pièce
Graduée à contenir (IN)
Certificat individuel sous demande
Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)

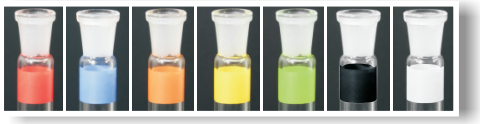


Blue printing
PE-HD stopper
Available with glass stopper

ISO 1042

Impresión azul
Tapón en PE-HD
Disponible con tapón de vidrio

Impression bleue
Bouchon en PE-HD
Disponible avec bouchon en verre



ID stripe available 7 different colours
Tarja de identificación disponible 7 colores diferentes
Bande identificatrice disponible 7 couleurs différentes



Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3168607	5	0,025	7/16	1
3168606	5	0,040	10/19	1
3168608	10	0,025	7/16	2
3168609	10	0,040	10/19	2
3168610	15	0,040	10/19	2
3168611	20	0,060	12/21	2
3168612	20	0,040	10/19	2
3168614	25	0,040	10/19	2
3168615	25	0,060	12/21	2
3168617	50	0,060	12/21	2
3168618	50	0,100	14/23	2
3168624	100	0,100	12/21	2
3168626	100	0,100	14/23	2
3168627	150	0,150	14/23	2
3168632	200	0,150	14/23	2
3168636	250	0,150	14/23	2
3168637	300	0,150	14/23	2
3168638	400	0,250	19/26	2
3168644	500	0,250	19/26	2
3168654	1000	0,400	24/29	2
3168663	2000	0,600	29/32	2
3168673	5000	1,200	34/35	1

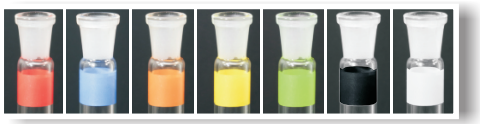


Amber printing
PE-HD stopper
Available with glass stopper

ISO 1042

Impresión ámbar
Tapón en PE-HD
Disponible con tapón de vidrio

Impression ambre
Bouchon en PE-HD
Disponible avec bouchon en verre



ID stripe available 7 different colours
Tarja de identificación disponible 7 colores diferentes
Bande identificatrice disponible 7 couleurs différentes



Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3188807	5	0,025	7/16	1
3188806	5	0,040	10/19	1
3188808	10	0,025	7/16	2
3188809	10	0,040	10/19	2
3188810	15	0,040	10/19	2
3188811	20	0,060	12/21	2
3188812	20	0,040	10/19	2
3188814	25	0,040	10/19	2
3188815	25	0,060	12/21	2
3188817	50	0,060	12/21	2
3188818	50	0,100	14/23	2
3188824	100	0,100	12/21	2
3188826	100	0,100	14/23	2
3188827	150	0,150	14/23	2
3188832	200	0,150	14/23	2
3188836	250	0,150	14/23	2
3188837	300	0,150	14/23	2
3188838	400	0,250	19/26	2
3188844	500	0,250	19/26	2
3188854	1000	0,400	24/29	2
3188863	2000	0,600	29/32	2
3188873	5000	1,200	34/35	1

Volumetric flask | Matraz aforado | Fiole jaugée

Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3188607	5	0,025	7/16	1
3188606	5	0,040	10/19	1
3188608	10	0,025	7/16	2
3188609	10	0,040	10/19	2
3188610	15	0,040	10/19	2
3188611	20	0,060	12/21	2
3188612	20	0,040	10/19	2
3188614	25	0,040	10/19	2
3188615	25	0,060	12/21	2
3188617	50	0,060	12/21	2
3188618	50	0,100	14/23	2
3188624	100	0,100	12/21	2
3188626	100	0,100	14/23	2
3188627	150	0,150	14/23	2
3188632	200	0,150	14/23	2
3188636	250	0,150	14/23	2
3188637	300	0,150	14/23	2
3188638	400	0,250	19/26	2
3188644	500	0,250	19/26	2
3188654	1000	0,400	24/29	2
3188663	2000	0,600	29/32	2

White printing, amber glass
PE-HD stopper
Available with glass stopper

ISO 1042

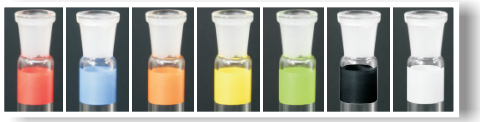
Impresión blanca, vidrio ámbar
Tapón en PE-HD
Disponible con tapón de vidrio

Impression blanche, verre ambre
Bouchon en PE-HD
Disponible avec bouchon en verre





Ref.	Cap. (ml)	Tol. +/- (ml)	GL	Box
3196826	100	0,10	18	1
3196836	250	0,15	18	1
3196844	500	0,25	25	1
3196854	1000	0,40	32	1



ID stripe available 7 different colours
Tarja de identificación disponible 7 colores diferentes
Bande identificatrice disponible 7 couleurs différentes

Screw cap, blue printing
PP stopper
Available with amber printing

ISO 1042

Cuello rosca, impresión azul
Tapón en PP
Disponible con impresión ámbar

Pas de vis, impression bleue
Bouchon en PP
Disponible avec impression ambre





Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3168607V	5	0,025	7/16	1
3168606V	5	0,040	10/19	1
3168608V	10	0,025	7/16	2
3168609V	10	0,040	10/19	2
3168611V	20	0,060	12/21	2
3168612V	20	0,040	10/19	2
3168614V	25	0,040	10/19	2
3168615V	25	0,060	12/21	2
3168617V	50	0,060	12/21	2
3168618V	50	0,100	14/23	2
3168624V	100	0,100	12/21	2
3168626V	100	0,100	14/23	2
3168632V	200	0,150	14/23	2
3168636V	250	0,150	14/23	2
3168644V	500	0,250	19/26	2
3168654V	1000	0,400	24/29	2
3168663V	2000	0,600	29/32	2
3168673V	5000	1,200	34/35	1

Glass stopper, blue printing
Available with amber printing

ISO 1042

Tapón de vidrio, impresión azul
Disponible con impresión ámbar

Bouchon en verre, impression bleue
Disponible avec impression ambre



ID stripe available 7 different colours
Tarja de identificación disponible 7 colores diferentes
Bande identificatrice disponible 7 couleurs différentes





Volumetric flask | Matraz aforado | Fiole jaugée



Trapezoidal, blue printing
PE-HD stopper
Available amber printing and/or glass stopper

ISO 1042

Trapezoidal, impresión azul
Tapón en PE-HD
Disponible impresión ámbar y/o tapón de vidrio

Trapézoïdale, impression bleue
Bouchon en PE-HD
Disponible impression ambre et/ou bouchon en verre



Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3168401	1	0,025	7/16	1
3168402	2	0,025	7/16	1
3168404	4	0,025	7/16	1
3168406	5	0,025	7/16	1
3168409	10	0,040	10/19	1
3168412	20	0,040	10/19	1
3168411	20	0,040	12/21	1
3168418	50	0,100	14/23	1

USP



Blue printing
PE-HD stopper
Available amber printing and/or glass stopper

USP

Impresión azul
Tapón en PE-HD
Disponible impresión ámbar y/o tapón de vidrio

Impression bleue
Bouchon en PE-HD
Disponible impression ambre et/ou bouchon en verre



ID stripe available 7 different colours
Tarja de identificación disponible 7 colores diferentes
Bande identificatrice disponible 7 couleurs différentes

Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3168607U	5	0,02	7/16	1
3168606U	5	0,02	10/19	1
3168608U	10	0,02	7/16	2
3168609U	10	0,02	10/19	2
3168611U	20	0,03	12/21	2
3168612U	20	0,03	10/19	2
3168614U	25	0,03	10/19	2
3168615U	25	0,03	12/21	2
3168617U	50	0,05	12/21	2
3168624U	100	0,08	12/21	2
3168626U	100	0,08	14/23	2
3168632U	200	0,10	14/23	2
3168636U	250	0,12	14/23	2
3168644U	500	0,20	19/26	2
3168654U	1000	0,30	24/29	2
3168663U	2000	0,50	29/32	2
3168673U	5000	1,25	34/35	1



White printing, amber glass
PE-HD stopper
Available with glass stopper

USP

Impresión blanca, vidrio ámbar
Tapón en PE-HD
Disponible con tapón de vidrio

Impression blanche, verre ambre
Bouchon en PE-HD
Disponible avec bouchon en verre



Ref.	Cap. (ml)	Tol. +/- (ml)	IN	Box
3188607U	5	0,02	7/16	1
3188606U	5	0,02	10/19	1
3188608U	10	0,02	7/16	2
3188609U	10	0,02	10/19	2
3188611U	20	0,03	12/21	2
3188612U	20	0,03	10/19	2
3188614U	25	0,03	10/19	2
3188615U	25	0,03	12/21	2
3188617U	50	0,05	12/21	2
3188618U	50	0,05	14/23	2
3188624U	100	0,08	12/21	2
3188626U	100	0,08	14/23	2
3188632U	200	0,10	14/23	2
3188636U	250	0,12	14/23	2
3188644U	500	0,20	19/26	2
3188654U	1000	0,30	24/29	2

Measuring cylinder | Probeta graduada | Éprouvette graduée

Class A
Boro 3.3 glass
Batch certificate per each item
Graduated to contain (IN)
Works certificate available on request
Available: calibration certificate by NormaLab (ISO 17025 accredited laboratory)

Clase A
Vidrio boro 3.3
Certificado de serie por pieza
Ajustado por contenido (IN)
Certificado individual a pedido
Disponible: certificado de calibración por NORMALAB (laboratorio acreditado según la norma ISO 17025)

Classe A
Verre boro 3.3
Certificat de performance par pièce
Graduée à contenir (IN)
Certificat individuel sous demande
Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
5149607	5	0,1	0,05	2
5149608	10	0,2	0,10	2
5149614	25	0,5	0,25	2
5149617	50	1	0,5	2
5149624	100	1	0,5	2
5149636	250	2	1	2
5149644	500	5	2,5	1
5149654	1000	10	5	1
5149663	2000	20	10	1

Blue printing, with spout
Glass hexagonal base

ISO 4788

Impresión azul, con pico
Pie hexagonal en vidrio

Impression bleue, bec verseur
Pied hexagonal en verre

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
5139607	5	0,1	0,05	2
5139608	10	0,2	0,10	2
5139614	25	0,5	0,25	2
5139617	50	1	0,5	2
5139624	100	1	0,5	2
5139636	250	2	1	2
5139644	500	5	2,5	1
5139654	1000	10	5	1
5139663	2000	20	10	1

Amber printing, with spout
Glass hexagonal base

ISO 4788

Impresión ámbar, con pico
Pie hexagonal en vidrio

Impression ambre, bec verseur
Pied hexagonal en verre

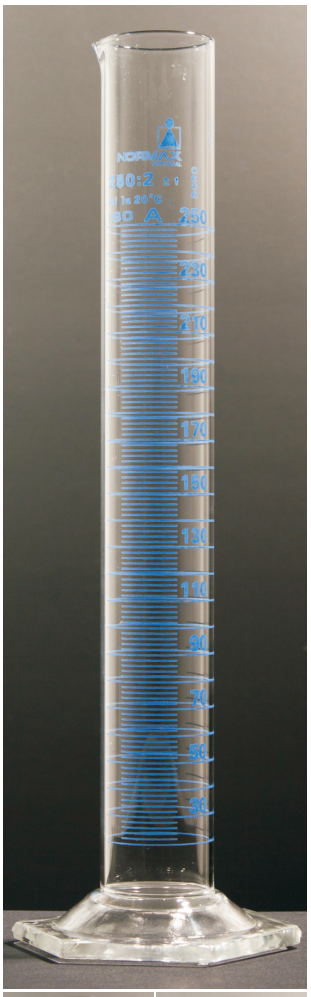
Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
5189607	5	0,1	0,05	2
5189608	10	0,2	0,10	2
5189614	25	0,5	0,25	2
5189617	50	1	0,5	2
5189624	100	1	0,5	2
5189636	250	2	1	2
5189644	500	5	2,5	1
5189654	1000	10	5	1
5189663	2000	20	10	1

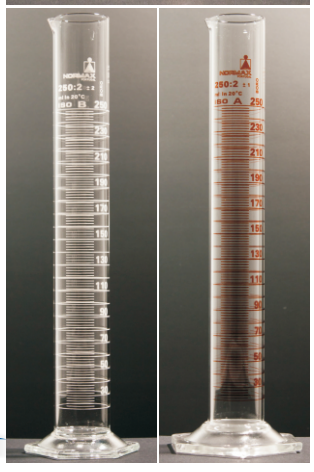
White printing, with spout
Glass hexagonal base

ISO 4788

Impresión en blanco, con pico
Pie hexagonal en vidrio

Impression blanche, bec verseur
Pied hexagonal en verre







Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Measuring cylinder | Probeta graduada | Éprouvette graduée



Blue printing, PE-HD stopper
Glass hexagonal base
Available white printing and/or glass stopper

ISO 4788

Impresión azul, tapón en PE-HD
Pie hexagonal en vidrio
Disponible impresión en blanco y/o tapón de vidrio

Impression bleue, bouchon en PE-HD
Pied hexagonal en verre
Disponible impression blanche et/ou bouchon en verre

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	IN	Box
5181807	5	0,1	0,05	10/19	2
5181808	10	0,2	0,10	10/19	2
5181814	25	0,5	0,25	14/23	2
5181817	50	1	0,5	19/26	2
5181824	100	1	0,5	24/29	2
5181836	250	2	1	29/32	2
5181844	500	5	2,5	34/35	1
5181854	1000	10	5	45/40	1
5181863	2000	20	10	45/40	1

Amber printing, PE-HD stopper
Glass hexagonal base
Available with glass stopper

ISO 4788

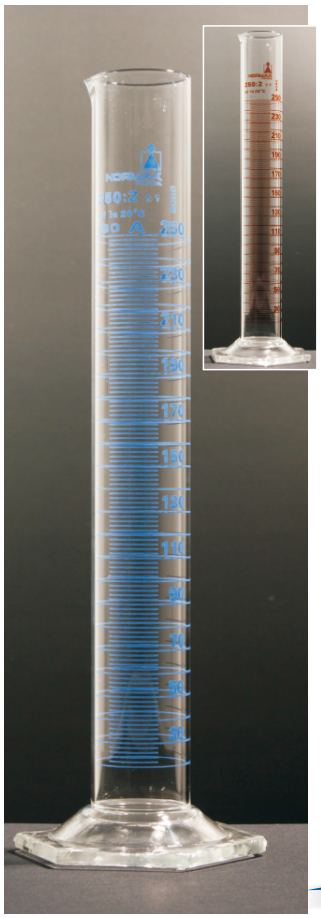
Impresión ámbar, tapón en PE-HD
Pie hexagonal en vidrio
Disponible con tapón de vidrio

Impression ambre, bouchon en PE-HD
Pied hexagonal en verre
Disponible avec bouchon en verre

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	IN	Box
5161807	5	0,1	0,05	10/19	2
5161808	10	0,2	0,10	10/19	2
5161814	25	0,5	0,25	14/23	2
5161817	50	1	0,5	19/26	2
5161824	100	1	0,5	24/29	2
5161836	250	2	1	29/32	2
5161844	500	5	2,5	34/35	1
5161854	1000	10	5	45/40	1
5161863	2000	20	10	45/40	1



USP



Blue printing, with spout
Glass hexagonal base
Available with white printing

USP

Impresión azul, con pico
Pie hexagonal en vidrio
Disponible con impresión en blanco

Impression bleue, bec verseur
Pied hexagonal en verre
Disponible avec impression blanche

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
5149607U	5	0,1	0,05	2
5149608U	10	0,2	0,10	2
5149614U	25	0,5	0,25	2
5149617U	50	1	0,5	2
5149624U	100	1	0,5	2
5149636U	250	2	1	2
5149644U	500	5	2,5	1
5149654U	1000	10	5	1
5149663U	2000	20	10	1

Amber printing, with spout
Glass hexagonal base

USP

Impresión ámbar, con pico
Pie hexagonal en vidrio

Impression ambre, bec verseur
Pied hexagonal en verre

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
5139607U	5	0,1	0,05	2
5139608U	10	0,2	0,10	2
5139614U	25	0,5	0,25	2
5139617U	50	1	0,5	2
5139624U	100	1	0,5	2
5139636U	250	2	1	2
5139644U	500	5	2,5	1
5139654U	1000	10	5	1
5139663U	2000	20	10	1



Graduated pipette | Pipeta graduada | Pipette graduée

Soda-lime glass

Batch certificate per each item

The graduated pipettes, total delivery, class AS, are available with specified waiting time of 5s, manufactured to delivery (EX + 5s)

Upon request, other capacities and scale divisions are available (see table of technical data)

All Normax graduated pipettes have colour code identification bands according to ISO 1769

Manufactured from clear glass which resistance meets at least HGB3 according to ISO 719

Works certificate available on request

Available with Schellbach stripe for best reading accuracy

Available calibration certificate by NormaLab (ISO 17025 accredited laboratory)

Vidrio corriente

Certificado de serie por pieza

Las pipetas graduadas terminal, clase AS, son fabricadas con un tiempo de espera de 5s, ajustadas por vertido (EX + 5s)

Por pedido, pueden fabricarse otras capacidades y divisiones (ver tabla de especificaciones técnicas)

Las pipetas graduadas tienen tarjas de identificación por código de colores, de acuerdo con la norma ISO 1769

Fabricadas a partir de vidrio transparente de resistencia igual o superior a la HGB3, en conformidad con la ISO 719

Certificado individual a pedido

Disponible con franja Schellbach para mejor precisión de la lectura

Disponible: certificado de calibración por NORMALAB (laboratorio acreditado según la norma ISO 17025)

Verre sodocalcique

Certificat de performance par pièce

Les pipettes graduées à delivrance total, classe AS, sont fabriquées avec temps d'attente de 5s, graduées à délivrer (EX + 5s)

Par demande, on peut fabriquer d'autres capacités et divisions (voir la table des spécifications techniques)

Les pipettes graduées ont une bande d'identification par code de couleurs, conforme à la norme ISO 1769

Fabriquées à partir de verre transparent de résistance égale ou supérieure à HGB3, en conformité à la norme ISO 719

Certificat individuel sous demande

Disponible avec bande Schellbach est le meilleur précision de lecture

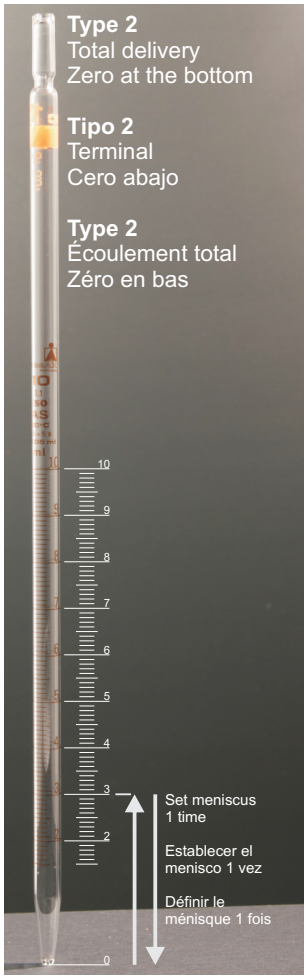
Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)

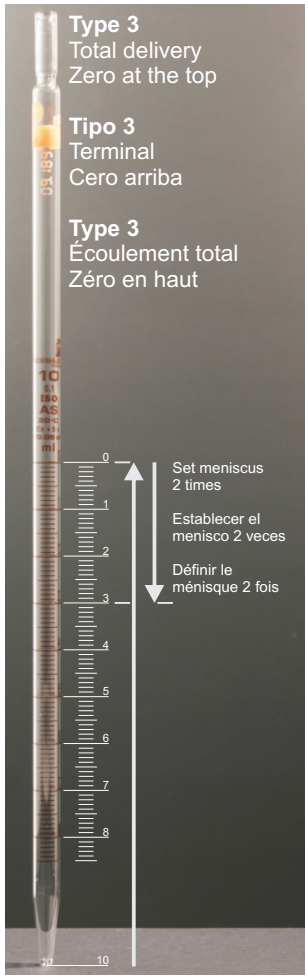
NORMAX graduated pipettes - ISO 835

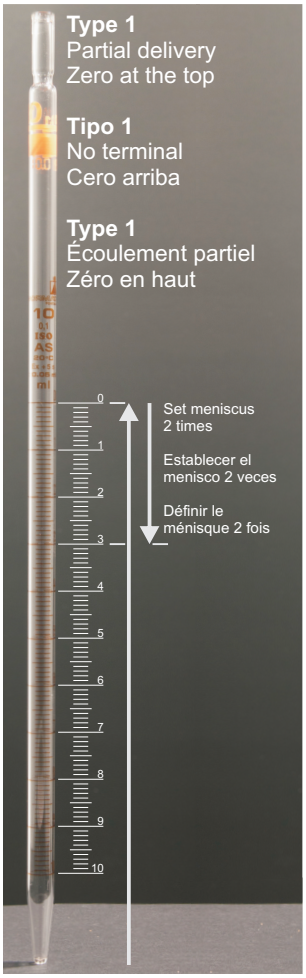
Type 2: Total delivery - Graduated pipettes adjusted for delivery of a liquid from any graduation line down to the jet; nominal capacity shall be represented by the highest graduation line.

Type 3: Total delivery - Graduated pipettes adjusted for delivery of a liquid from zero line at the top to any graduation line; nominal capacity shall be obtained by delivery down to the jet.

Type 1: Partial delivery - Graduated pipettes adjusted for delivery of a liquid from zero line at the top to any graduation line; nominal capacity shall be represented by the lowest graduation line.



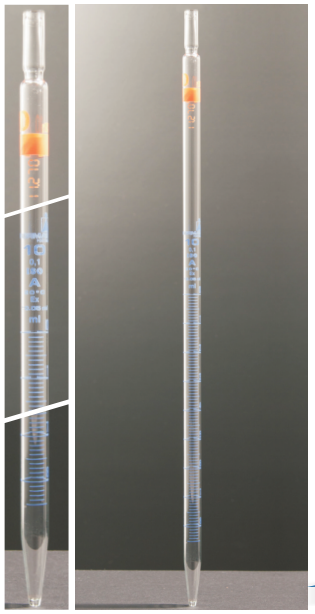




Graduated pipette | Pipeta graduada | Pipette graduée

Cap. (ml)	Divis. (ml)	Colour code | Código de color | Code couleur			Length (± 10) (mm)	Tol. +/- Class A / AS (ml)	Tol. +/- Class B (ml)	Box
0,1	0,01	1 white	1 blanco	1 blanche	360	0,006	0,01	5
0,2	0,01	1 black	1 negro	1 noire	360	0,006	0,01	5
0,5	0,01	2 yellow	2 amarillo	2 jaune	360	0,006	0,01	5
1	0,01	1 yellow	1 amarillo	1 jaune	360	0,007	0,01	5
1	0,10	1 red	1 rojo	1 rouge	360	0,007	0,01	5
2*	0,01	2 white	2 blanco	2 blanche	360	0,010	0,02	5
2	0,02	1 black	1 negro	1 noire	360	0,010	0,02	5
2	0,10	1 green	1 verde	1 verte	360	0,010	0,02	5
5	0,05	1 red	1 rojo	1 rouge	360	0,030	0,05	5
5	0,10	1 blue	1 azul	1 bleue	360	0,030	0,05	5
10	0,1	1 orange	1 naranja	1 orange	360	0,05	0,1	5
20	0,1	2 yellow	2 amarillo	2 jaune	360	0,1	0,2	5 | 4**
25	0,1	1 white	1 blanco	1 blanche	395	0,1	0,2	5 | 4**
25	0,2	1 green	1 verde	1 verte	395	0,1	0,2	5 | 4**
50*	0,1	2 orange	2 naranja	2 orange	635	0,25	0,5	5 | 4**
50*	0,2	1 black	1 negro	1 noire	635	0,25	0,5	5 | 4**

*In addition to ISO | En adición a ISO | En complément à la norme ISO
**Quantity per box with safety bulb | Cantidad por caja con bulbo de seguridad | Quantité par boîte avec boule de sécurité



Type 3, class A
Blue printing, soda-lime glass, **total delivery**
Zero at the top
Available with white printing

ISO 835

Tipo 3, clase A
Impresión azul, vidrio corriente, **terminal**
Cero arriba
Disponible con impresión en blanco

Type 3, classe A
Impression bleue, verre sodocalcique
Écoulement total, zéro en haut
Disponible avec impression blanche



Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5454301**	0,1	0,01	0,006	1 - 3
5454303**	0,2	0,01	0,006	1 - 4
5454305*	0,5	0,01	0,006	—
5454311	1	0,01	0,007	5 - 7
5454311F	1	0,10	0,007	5 - 7
5454316*	2	0,01	0,010	—
5454317	2	0,02	0,010	6 - 9
5454316F	2	0,10	0,010	6 - 9
5454324	5	0,05	0,030	8 - 11
5454324F	5	0,10	0,030	8 - 11
5454329	10	0,1	0,05	10 - 13
5454332*	20	0,1	0,1	—
5454334	25	0,1	0,1	11 - 16
5454336	25	0,2	0,1	11 - 16
5454338*	50	0,1	0,25	—
5454339*	50	0,2	0,25	—

* In addition to ISO | En adición a ISO | En complément à la norme ISO
** In addition to ISO and graduated to contain | En adición a ISO y ajustado por contenido | En complément à l'ISO et graduées à contenir



Type 3, class A
Amber printing, soda-lime glass, **total delivery**
Zero at the top
Available with wide tip

ISO 835

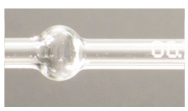
Tipo 3, clase A
Impresión ámbar, vidrio corriente, **terminal**
Cero arriba
Disponible con punta ancha

Type 3, classe A
Impression ambre, verre sodocalcique
Écoulement total, zéro en haut
Disponible avec pointe large



Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5434301**	0,1	0,01	0,006	1 - 3
5434303**	0,2	0,01	0,006	1 - 4
5434305*	0,5	0,01	0,006	—
5434311	1	0,01	0,007	5 - 7
5434311F	1	0,10	0,007	5 - 7
5434316*	2	0,01	0,010	—
5434317	2	0,02	0,010	6 - 9
5434316F	2	0,10	0,010	6 - 9
5434324	5	0,05	0,030	8 - 11
5434324F	5	0,10	0,030	8 - 11
5434329	10	0,1	0,05	10 - 13
5434332*	20	0,1	0,1	—
5434334	25	0,1	0,1	11 - 16
5434336	25	0,2	0,1	11 - 16
5434338*	50	0,1	0,25	—
5434339*	50	0,2	0,25	—

* In addition to ISO | En adición a ISO | En complément à la norme ISO
** In addition to ISO and graduated to contain | En adición a ISO y ajustado por contenido | En complément à l'ISO et graduées à contenir



With safety bulb replace the first 5 by 6
Con bulbo de seguridad sustituya el primer 5 por 6
Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 5 by 7
Con émbolo sustituya el primer 5 por 7
Avec piston remplacer le premier 5 par 7

Graduated pipette | Pipeta graduada | Pipette graduée

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5455305	0,5	0,01	0,006	4 - 10
5455311	1	0,01	0,007	4 - 10
5455311F	1	0,10	0,007	4 - 10
5455316*	2	0,01	0,010	—
5455317	2	0,02	0,010	4 - 10
5455316F	2	0,10	0,010	4 - 10
5455324	5	0,05	0,030	7 - 13
5455324F	5	0,10	0,030	7 - 13
5455329	10	0,1	0,05	7 - 13
5455332	20	0,1	0,1	11 - 17
5455334	25	0,1	0,1	11 - 17
5455336	25	0,2	0,1	—
5455338*	50	0,1	0,25	—

* In addition to ISO | En adición a ISO | En complément à la norme ISO

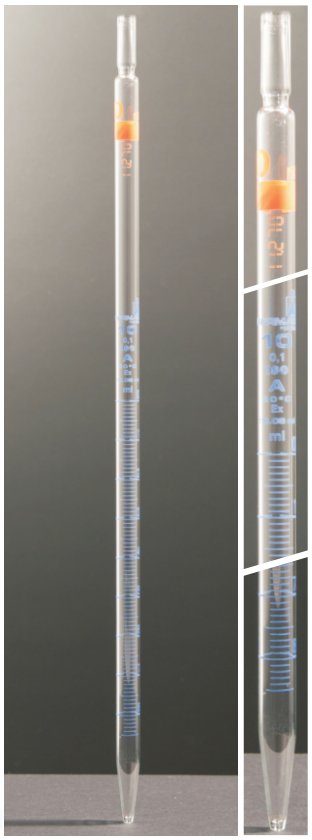
Type 3, class AS
Blue printing, soda-lime glass, **total delivery**
Zero at the top
Available with white printing

ISO 835

Tipo 3, clase AS
Impresión azul, vidrio corriente, **terminal**
Cero arriba
Disponible con impresión en blanco

Type 3, classe AS
Impression bleue, verre sodocalcique
Écoulement total, zéro en haut
Disponible avec impression blanche





Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5414305	0,5	0,01	0,006	4 - 10
5414311	1	0,01	0,007	4 - 10
5414311F	1	0,10	0,007	4 - 10
5414316*	2	0,01	0,010	—
5414317	2	0,02	0,010	4 - 10
5414316F	2	0,10	0,010	4 - 10
5414324	5	0,05	0,030	7 - 13
5414324F	5	0,10	0,030	7 - 13
5414329	10	0,1	0,05	7 - 13
5414332	20	0,1	0,1	11 - 17
5414334	25	0,1	0,1	11 - 17
5414336	25	0,2	0,1	—
5414338*	50	0,1	0,25	—

* In addition to ISO | En adición a ISO | En complément à la norme ISO

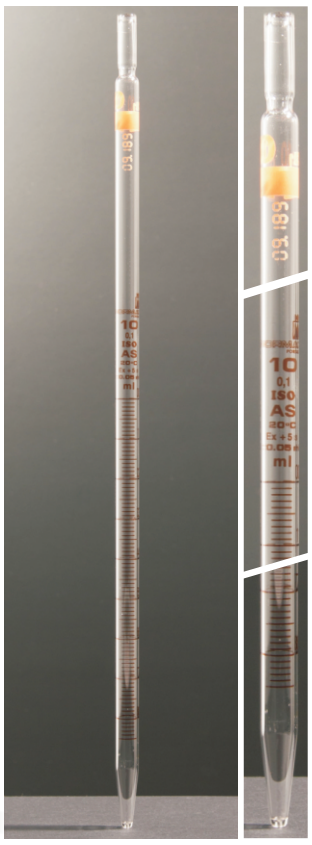
Type 3, class AS
Amber printing, soda-lime glass, **total delivery**
Zero at the top

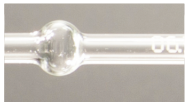
ISO 835

Tipo 3, clase AS
Impresión ámbar, vidrio corriente, **terminal**
Cero arriba

Type 3, classe AS
Impression ambre, verre sodocalcique
Écoulement total, zéro en haut







With safety bulb replace the first 5 by 6

Con bulbo de seguridad sustituya el primer 5 por 6

Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 5 by 7

Con émbolo sustituya el primer 5 por 7

Avec piston remplacer le premier 5 par 7

Graduated pipette | Pipeta graduada | Pipette graduée

Cap. (ml)	Divis. (ml)	Colour code | Código de color | Code couleur			Length (± 10) (mm)	Tol. +/- Class A / AS (ml)	Tol. +/- Class B (ml)	Box
0,1	0,01	1 white	1 blanco	1 blanche	360	0,006	0,01	5
0,2	0,01	1 black	1 negro	1 noire	360	0,006	0,01	5
0,5	0,01	2 yellow	2 amarillo	2 jaune	360	0,006	0,01	5
1	0,01	1 yellow	1 amarillo	1 jaune	360	0,007	0,01	5
1	0,10	1 red	1 rojo	1 rouge	360	0,007	0,01	5
2*	0,01	2 white	2 blanco	2 blanche	360	0,010	0,02	5
2	0,02	1 black	1 negro	1 noire	360	0,010	0,02	5
2	0,10	1 green	1 verde	1 verte	360	0,010	0,02	5
5	0,05	1 red	1 rojo	1 rouge	360	0,030	0,05	5
5	0,10	1 blue	1 azul	1 bleue	360	0,030	0,05	5
10	0,1	1 orange	1 naranja	1 orange	360	0,05	0,1	5
20	0,1	2 yellow	2 amarillo	2 jaune	360	0,1	0,2	5 | 4**
25	0,1	1 white	1 blanco	1 blanche	395	0,1	0,2	5 | 4**
25	0,2	1 green	1 verde	1 verte	395	0,1	0,2	5 | 4**
50*	0,1	2 orange	2 naranja	2 orange	635	0,25	0,5	5 | 4**
50*	0,2	1 black	1 negro	1 noire	635	0,25	0,5	5 | 4**

*In addition to ISO | En adición a ISO | En complément à la norme ISO
**Quantity per box with safety bulb | Cantidad por caja con bulbo de seguridad | Quantité par boîte avec boule de sécurité



Type 2, class A

Amber printing, soda-lime glass, **total delivery**
Zero at the bottom
Available with blue or white printing

ISO 835

Tipo 2, clase A

Impresión ámbar, vidrio corriente, **terminal**
Cero abajo
Disponible con impresión azul o blanco

Type 2, classe A

Impression ambre, verre sodocalcique
Écoulement total, zéro en bas
Disponible avec impression bleue ou blanche

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5444305	0,5	0,01	0,006	4 - 10
5444311	1	0,01	0,007	4 - 10
5444311F	1	0,10	0,007	4 - 10
5444316*	2	0,01	0,010	—
5444317	2	0,02	0,010	4 - 10
5444316F	2	0,10	0,010	4 - 10
5444324	5	0,05	0,030	7 - 13
5444324F	5	0,10	0,030	7 - 13
5444329	10	0,1	0,05	7 - 13
5444332	20	0,1	0,1	11 - 17
5444334	25	0,1	0,1	11 - 17

* In addition to ISO | En adición a ISO | En complément à la norme ISO

Type 2, class AS

Amber printing, soda-lime glass, **total delivery**
Zero at the bottom
Available with blue or white printing

ISO 835

Tipo 2, clase AS

Impresión ámbar, vidrio corriente, **terminal**
Cero abajo
Disponible con impresión azul o blanco

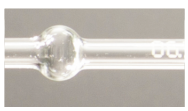
Type 2, classe AS

Impression ambre, verre sodocalcique
Écoulement total, zéro en bas
Disponible avec impression bleue ou blanche

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5424305	0,5	0,01	0,006	4 - 10
5424311	1	0,01	0,007	4 - 10
5424311F	1	0,10	0,007	4 - 10
5424316*	2	0,01	0,010	—
5424317	2	0,02	0,010	4 - 10
5424316F	2	0,10	0,010	4 - 10
5424324	5	0,05	0,030	7 - 13
5424324F	5	0,10	0,030	7 - 13
5424329	10	0,1	0,05	7 - 13
5424332	20	0,1	0,1	11 - 17
5424334	25	0,1	0,1	11 - 17

* In addition to ISO | En adición a ISO | En complément à la norme ISO





With safety bulb replace the first 5 by 6

Con bulbo de seguridad sustituya el primer 5 por 6

Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 5 by 7

Con émbolo sustituya el primer 5 por 7

Avec piston remplacer le premier 5 par 7

Graduated pipette | Pipeta graduada | Pipette graduée

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5454405	0,5	0,01	0,006	4 - 10
5454411	1	0,01	0,007	4 - 10
5454411F	1	0,10	0,007	4 - 10
5454416*	2	0,01	0,010	—
5454417	2	0,02	0,010	4 - 10
5454416F	2	0,10	0,010	4 - 10
5454424	5	0,05	0,030	7 - 13
5454424F	5	0,10	0,030	7 - 13
5454429	10	0,1	0,05	7 - 13
5454432	20	0,1	0,1	11 - 17
5454434	25	0,1	0,1	11 - 17

* In addition to ISO | En adición a ISO | En complément à la norme ISO

Type 1, class AS
Blue printing, soda-lime glass, **partial delivery**
Zero at the top
Available with white printing

ISO 835

Tipo 1, clase AS
Impresión azul, vidrio corriente, **no terminal**
Cero arriba
Disponible con impresión en blanco

Type 1, classe AS
Impression bleue, verre sodocalcique
Écoulement partiel, zéro en haut
Disponible avec impression blanche





Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5434401	0,1	0,01	0,006	2 - 3
5434403	0,2	0,01	0,006	2 - 4
5434405*	0,5	0,01	0,006	—
5434411	1	0,01	0,007	7 - 10
5434411F	1	0,10	0,007	2 - 10
5434416*	2	0,01	0,010	—
5434417	2	0,02	0,010	8 - 12
5434416F	2	0,10	0,010	2 - 12
5434424	5	0,05	0,030	10 - 14
5434424F	5	0,10	0,030	4 - 14
5434429	10	0,1	0,05	13 - 17
5434432*	20	0,1	0,1	—
5434434	25	0,1	0,1	15 - 21
5434436	25	0,2	0,1	5 - 15
5434438*	50	0,1	0,25	—

* In addition to ISO | En adición a ISO | En complément à la norme ISO

Type 1, class A
Amber printing, soda-lime glass, **partial delivery**
Zero at the top

ISO 835

Tipo 1, clase A
Impresión ámbar, vidrio corriente, **no terminal**
Cero arriba

Type 1, classe A
Impression ambre, verre sodocalcique
Écoulement partiel, zéro en haut



Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time
5424405	0,5	0,01	0,006	4 - 10
5424411	1	0,01	0,007	4 - 10
5424411F	1	0,10	0,007	4 - 10
5424416*	2	0,01	0,010	—
5424417	2	0,02	0,010	4 - 10
5424416F	2	0,10	0,010	4 - 10
5424424	5	0,05	0,030	7 - 13
5424424F	5	0,10	0,030	7 - 13
5424429	10	0,1	0,05	7 - 13
5424432	20	0,1	0,1	11 - 17
5424434	25	0,1	0,1	11 - 17

* In addition to ISO | En adición a ISO | En complément à la norme ISO

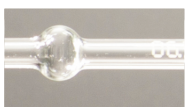
Type 1, class AS
Amber printing, soda-lime glass, **partial delivery**
Zero at the top

ISO 835

Tipo 1, clase AS
Impresión ámbar, vidrio corriente, **no terminal**
Cero arriba

Type 1, classe AS
Impression ambre, verre sodocalcique
Écoulement partiel, zéro en haut





With safety bulb replace the first 5 by 6

Con bulbo de seguridad sustituya el primer 5 por 6

Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 5 by 7

Con émbolo sustituya el primer 5 por 7

Avec piston remplacer le premier 5 par 7

Volumetric pipette | Pipeta aforada | Pipette jaugée

Soda-lime glass

Batch certificate per each item

Graduated to deliver (Ex)

All Normax volumetric pipettes have colour code identification bands according to ISO 1769

Works certificate available on request

Available calibration certificate by NormaLab (ISO 17025 accredited laboratory)

Vidrio corriente

Certificado de serie por pieza

Ajustado por vertido (EX)

Las pipetas aforadas Normax tienen bandas de identificación por código de colores, de acuerdo con la norma ISO 1769

Certificado individual a pedido

Disponible: certificado de calibración por NORMALAB laboratorio acreditado según la norma ISO 17025

Verre sodocalcique

Certificat de performance par pièce

Graduées à écouler (EX)

Les pipettes jaugées Normax ont une bande d'identification par code de couleurs, conforme à la norme ISO 1769

Certificat individuel sous demande

Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)



One mark, class A

Blue printing, soda-lime glass

Available with amber printing

ISO 648

Un aforo, clase A

Impresión azul, vidrio corriente

Disponible con impresión ámbar

Un trait de jauge, classe A

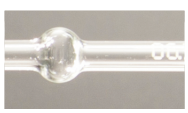
Impression bleue, verre sodocalcique

Disponible avec impression ambre

Ref.	Cap. (ml)	Tol. +/- (ml)	Colour code	Box
3433719	0,5	0,005	2 black	5
3433701	1	0,008	1 blue	5
3433702	2	0,010	1 orange	5
3433704*	2,5	0,012	orange	5
3433703*	3	0,015	1 black	5
3433705*	4	0,015	2 red	5
3433707	5	0,015	1 white	5
3433706*	6	0,015	2 orange	5
3433713*	7	0,02	2 green	5
3433711*	8	0,02	1 blue	5
3433718*	9	0,02	1 black	5
3433708	10	0,02	1 red	5
3433710*	11	0,02	orange	5
3433720*	12	0,02	blue	5
3433721*	13	0,02	orange	5
3433722*	14	0,02	white	5
3433709*	15	0,03	1 green	5
3433723*	16	0,03	red	5
3433725*	17	0,03	blue	5
3433727*	18	0,03	orange	5
3433728*	19	0,03	white	5
3433712	20	0,03	1 yellow	5
3433729*	21	0,03	red	5
3433730*	22	0,03	blue	5
3433731*	23	0,03	orange	5
3433732*	24	0,03	white	5
3433714	25	0,03	1 blue	5
3433715*	30	0,03	1 black	4
3433716*	40	0,05	1 white	2
3433717	50	0,05	1 red	2
3433724	100	0,08	1 yellow	2
3433726*	150	0,10	2 black	2
3433736*	200	0,15	1 blue	2

* In addition to ISO | En adición a ISO | En complément à la norme ISO





With safety bulb replace the first 5 by 6

Con bulbo de seguridad sustituya el primer 5 por 6

Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 3 by 7

Con émbolo sustituya el primer 3 por 7

Avec piston remplacer le premier 3 par 7

Volumetric pipette | Pipeta aforada | Pipette jaugée

Ref.	Cap. (ml)	Tol. +/- (ml)	Colour code	Box
3433919	0,5	0,005	2 black	5
3433901	1	0,008	1 blue	5
3433902	2	0,010	1 orange	5
3433903*	3	0,015	1 black	5
3433905*	4	0,015	2 red	5
3433907	5	0,015	1 white	5
3433906*	6	0,015	2 orange	5
3433913*	7	0,02	2 green	5
3433911*	8	0,02	1 blue	5
3433918*	9	0,02	1 black	5
3433908	10	0,02	1 red	5
3433910*	11	0,02	orange	5
3433909*	15	0,03	1 green	5
3433912	20	0,03	1 yellow	5
3433914	25	0,03	1 blue	5
3433915*	30	0,03	1 black	4
3433917	50	0,05	1 red	2
3433924	100	0,08	1 yellow	2
3433936*	200	0,1	1 blue	2

One mark, class AS
Blue printing, soda-lime glass
Faster delivery with waiting time
Available with amber printing

ISO 648

Un aforo, clase AS
Impresión azul, vidrio corriente
Vertido más rápidos con tiempo de espera
Disponible con impresión ámbar

Un trait de jauge, classe AS
Impression bleue, verre sodocalcique
Temps d'écoulement et d'attente plus rapides
Disponible avec impression ambre





USP

Ref.	Cap. (ml)	Tol. +/- (ml)	Colour code	Box
3433719U	0,5	0,005	2 black	5
3433701U	1	0,006	1 blue	5
3433702U	2	0,006	1 orange	5
3433703U	3	0,010	1 black	5
3433705U	4	0,010	2 red	5
3433707U	5	0,010	1 white	5
3433706U	6	0,010	2 orange	5
3433713U	7	0,02	2 green	5
3433711U	8	0,02	1 blue	5
3433718U	9	0,02	1 black	5
3433708U	10	0,02	1 red	5
3433710U	11	0,02	orange	5
3433709U	15	0,03	1 green	5
3433712U	20	0,03	1 yellow	5
3433714U	25	0,03	1 blue	5
3433715U	30	0,03	1 black	4
3433717U	50	0,05	1 red	2
3433724U	100	0,08	1 yellow	2
3433736U	200	0,1	1 blue	2

One mark
Blue printing, soda-lime glass
Available with amber printing

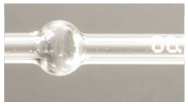
USP

Un aforo
Impresión azul, vidrio corriente
Disponible con impresión ámbar

Un trait de jauge
Impression bleue, verre sodocalcique
Disponible avec impression ambre







With safety bulb replace the first 5 by 6
Con bulbo de seguridad sustituya el primer 5 por 6
Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 3 by 7
Con émbolo sustituya el primer 3 por 7
Avec piston remplacer le premier 3 par 7

Volumetric pipette | Pipeta aforada | Pipette jaugée



Two marks, class A
Blue printing, soda-lime glass
Available with amber printing

ISO 648

Dos aforos, clase A
Impresión azul, vidrio corriente
Disponible con impresión ámbar

Deux traits de jauge, classe A
Impression bleue, verre sodocalcique
Disponible avec impression ambre



Ref.	Cap. (ml)	Tol. +/- (ml)	Colour code	Box
3433819	0,5	0,005	2 black	5
3433801	1	0,008	1 blue	5
3433802	2	0,010	1 orange	5
3433804*	2,5	0,012	orange	5
3433803*	3	0,015	1 black	5
3433805*	4	0,015	2 red	5
3433807	5	0,015	1 white	5
3433806*	6	0,015	2 orange	5
3433813*	7	0,02	2 green	5
3433811*	8	0,02	1 blue	5
3433818*	9	0,02	1 black	5
3433808	10	0,02	1 red	5
3433810*	11	0,02	orange	5
3433809*	15	0,03	1 green	5
3433812	20	0,03	1 yellow	5
3433814	25	0,03	1 blue	5
3433815*	30	0,03	1 black	4
3433816*	40	0,05	1 white	2
3433817	50	0,05	1 red	2
3433824	100	0,08	1 yellow	2
3433826*	150	0,10	2 black	2
3433836*	200	0,15	1 blue	2

* In addition to ISO | En adición a ISO | En complément à la norme ISO



Two marks, class AS
Blue printing, soda-lime glass
Faster delivery with waiting time
Available with amber printing

ISO 648

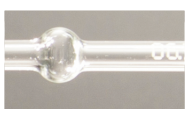
Dos aforos, clase AS
Impresión azul, vidrio corriente
Vertido más rápidos con tiempo de espera
Disponible con impresión ámbar

Deux traits de jauge, classe AS
Impression bleue, verre sodocalcique
Temps d'écoulement et d'attente plus rapides
Disponible avec impression ambre



Ref.	Cap. (ml)	Tol. +/- (ml)	Colour code	Box
3434001	1	0,008	1 blue	5
3434002	2	0,010	1 orange	5
3434004*	2,5	0,012	orange	5
3434003*	3	0,015	1 black	5
3434007	5	0,015	1 white	5
3434006*	6	0,015	2 orange	5
3434013*	7	0,02	2 green	5
3434011*	8	0,02	1 blue	5
3434008	10	0,02	1 red	5
3434014	25	0,03	1 blue	5
3434015*	30	0,03	1 black	4
3434017	50	0,05	1 red	2
3434024	100	0,08	1 yellow	2

* In addition to ISO | En adición a ISO | En complément à la norme ISO



With safety bulb replace the first 5 by 6
Con bulbo de seguridad sustituya el primer 5 por 6
Avec boule de sécurité remplacer le premier 5 par 6



With piston replace the first 3 by 7
Con émbolo sustituya el primer 3 por 7
Avec piston remplacer le premier 3 par 7

Burette | Bureta | Burette

Class AS

Boro 3.3 glass

Batch certificate per each item

Available with Schellbach stripe for best reading accuracy (add 1 to the end of reference code)

Graduated to deliver (EX)

Works certificate available on request

Available calibration certificate by NormaLab (ISO 17025 accredited laboratory)

Available special lubricant for the stopcocks

Clase AS

Vidrio boro 3.3

Certificado de serie por pieza

Disponible con franja Schellbach para mejor precisión de la lectura (añadir 1 al final del código de referencia)

Ajustado por vertido (EX)

Certificado individual a pedido

Disponible: certificado de calibración por NORMALAB (laboratorio acreditado según la norma ISO 17025)

Disponible lubricante especial para las llaves de paso

Classe AS

Verre boro 3.3

Certificat de performance par pièce

Disponible avec bande Schellbach pour meilleur précision de lecture (ajouter 1 au code de référence)

Graduées à écouler (EX)

Certificat individuel sous demande

Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)

Disponible lubrifiant spécial pour les robinets

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5432816	2	0,01	0,01	25 - 42	1
5432822	5	0,02	0,01	40 - 60	1
5432827	10	0,02	0,02	40 - 60	1
5432829	10	0,05	0,02	45 - 60	1
5432834	25	0,05	0,03	35 - 55	1
5432833	25	0,1	0,05	25 - 45	1
5432836	50	0,1	0,05	30 - 50	1
5432839	100	0,2	0,1	30 - 50	1

Straight stopcock, glass key

Class AS, blue printing, boro 3.3 glass

Waiting time 30s

ISO 385

Llave de paso recto, llave de vidrio

Clase AS, impresión azul, vidrio boro 3.3

Tiempo de espera 30s

Robinet droit, clé en verre

Classe AS, impression bleue, verre boro 3.3

Temps d'attente 30s

With flared top | Con embudo | Avec entonnoir

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5472816	2	0,01	0,01	25 - 42	1
5472822	5	0,02	0,01	40 - 60	1
5472827	10	0,02	0,02	40 - 60	1
5472829	10	0,05	0,02	45 - 60	1
5472834	25	0,05	0,03	35 - 55	1
5472833	25	0,1	0,05	25 - 45	1
5472836	50	0,1	0,05	30 - 50	1
5472839	100	0,2	0,1	30 - 50	1





Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5433016	2	0,01	0,01	25 - 42	1
5433022	5	0,02	0,01	40 - 60	1
5433027	10	0,02	0,02	40 - 60	1
5433029	10	0,05	0,02	45 - 60	1
5433034	25	0,05	0,03	35 - 55	1
5433033	25	0,1	0,05	25 - 45	1
5433036	50	0,1	0,05	30 - 50	1
5433039	100	0,2	0,1	30 - 50	1

Straight stopcock, PTFE key

Class AS, blue printing, boro 3.3 glass

Waiting time 30s

ISO 385

Llave de paso recto, llave PTFE

Clase AS, impresión azul, vidrio boro 3.3

Tiempo de espera 30s

Robinet droit, clé en PTFE

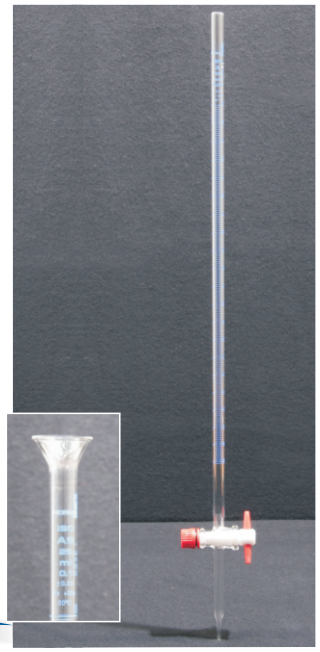
Classe AS, impression bleue, verre boro 3.3

Temps d'attente 30s

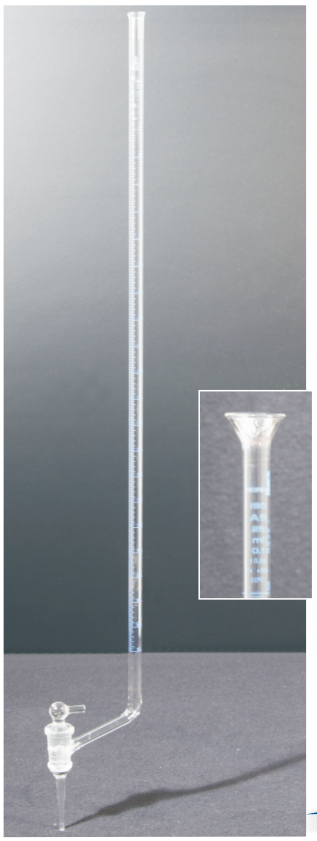
With flared top | Con embudo | Avec entonnoir

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5473016	2	0,01	0,01	25 - 42	1
5473022	5	0,02	0,01	40 - 60	1
5473027	10	0,02	0,02	40 - 60	1
5473029	10	0,05	0,02	45 - 60	1
5473034	25	0,05	0,03	35 - 55	1
5473033	25	0,1	0,05	25 - 45	1
5473036	50	0,1	0,05	30 - 50	1
5473039	100	0,2	0,1	30 - 50	1





Burette | Bureta | Burette



Lateral stopcock, glass key
Class AS, blue printing, boro 3.3 glass
Waiting time 30s

ISO 385

Llave lateral y de vidrio
Clase AS, impresión azul, vidrio boro 3.3
Tiempo de espera 30s

Robinet latéral, clé en verre
Classe AS, impression bleue, verre boro 3.3
Temps d'attente 30s

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5432616	2	0,01	0,01	25 - 42	1
5432622	5	0,02	0,01	40 - 60	1
5432627	10	0,02	0,02	40 - 60	1
5432629	10	0,05	0,02	45 - 60	1
5432634	25	0,05	0,03	35 - 55	1
5432633	25	0,1	0,05	25 - 45	1
5432636	50	0,1	0,05	30 - 50	1
5432639	100	0,2	0,1	30 - 50	1

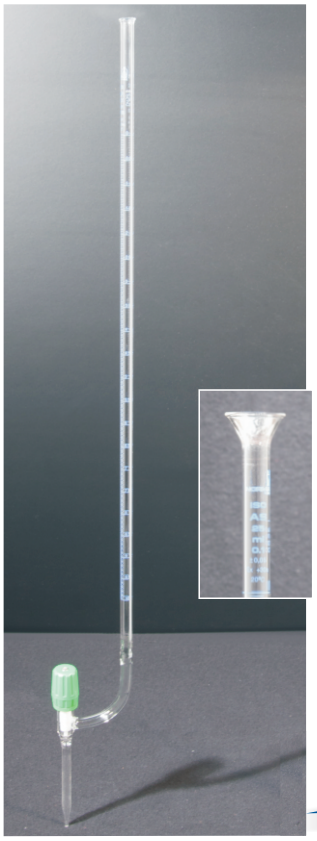
With flared top

Con embudo

Avec entonnoir

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5472616	2	0,01	0,01	25 - 42	1
5472622	5	0,02	0,01	40 - 60	1
5472627	10	0,02	0,02	40 - 60	1
5472629	10	0,05	0,02	45 - 60	1
5472634	25	0,05	0,03	35 - 55	1
5472633	25	0,1	0,05	25 - 45	1
5472636	50	0,1	0,05	30 - 50	1
5472639	100	0,2	0,1	30 - 50	1





Lateral stopcock, PTFE needle-valve
Class AS, blue printing, boro 3.3 glass
Waiting time 30s

ISO 385

Llave lateral, punzón PTFE
Clase AS, impresión azul, vidrio boro 3.3
Tiempo de espera 30s

Robinet latéral, valve en PTFE
Classe AS, impression bleue, verre boro 3.3
Temps d'attente 30s

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5432716	2	0,01	0,01	25 - 42	1
5432722	5	0,02	0,01	40 - 60	1
5432727	10	0,02	0,02	40 - 60	1
5432729	10	0,05	0,02	45 - 60	1
5432734	25	0,05	0,03	35 - 55	1
5432733	25	0,1	0,05	25 - 45	1
5432736	50	0,1	0,05	30 - 50	1
5432739	100	0,2	0,1	30 - 50	1

With flared top

Con embudo

Avec entonnoir

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5472716	2	0,01	0,01	25 - 42	1
5472722	5	0,02	0,01	40 - 60	1
5472727	10	0,02	0,02	40 - 60	1
5472729	10	0,05	0,02	45 - 60	1
5472734	25	0,05	0,03	35 - 55	1
5472733	25	0,1	0,05	25 - 45	1
5472736	50	0,1	0,05	30 - 50	1
5472739	100	0,2	0,1	30 - 50	1



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Burette | Bureta | Burette

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5432916	2	0,01	0,01	25 - 42	1
5432922	5	0,02	0,01	40 - 60	1
5432927	10	0,02	0,02	40 - 60	1
5432929	10	0,05	0,02	45 - 60	1
5432934	25	0,05	0,03	35 - 55	1
5432933	25	0,1	0,05	25 - 45	1
5432936	50	0,1	0,05	30 - 50	1
5432939	100	0,2	0,1	30 - 50	1

Straight stopcock, PTFE needle-valve
Class AS, blue printing, boro 3.3 glass
Waiting time 30s

ISO 385

Llave de paso recto, punzón PTFE
Clase AS, impresión azul, vidrio boro 3.3
Tiempo de espera 30s

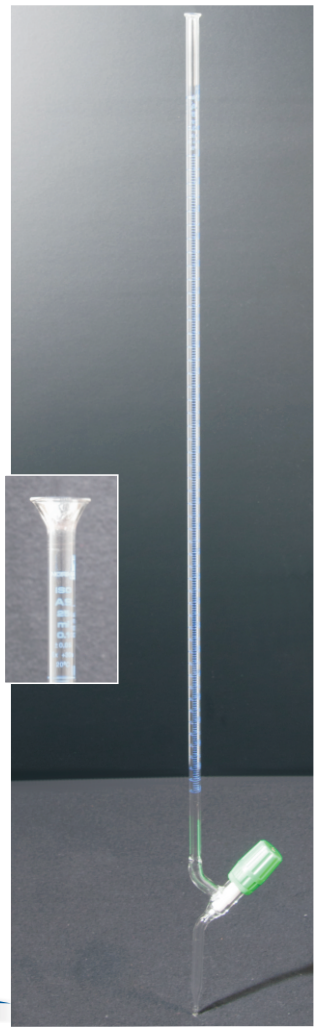
Robinet droit, valve en PTFE
Classe AS, impression bleue, verre boro 3.3
Temps d'attente 30s

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Delivery time	Box
5472916	2	0,01	0,01	25 - 42	1
5472922	5	0,02	0,01	40 - 60	1
5472927	10	0,02	0,02	40 - 60	1
5472929	10	0,05	0,02	45 - 60	1
5472934	25	0,05	0,03	35 - 55	1
5472933	25	0,1	0,05	25 - 45	1
5472936	50	0,1	0,05	30 - 50	1
5472939	100	0,2	0,1	30 - 50	1

With flared top

Con embudo

Avec entonnoir



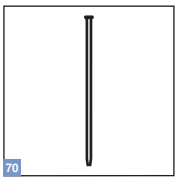


Components | Componentes | Composants

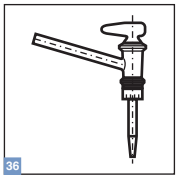
Looking for components, please check:

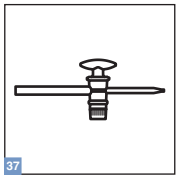
En busca de componentes, por favor consulte:

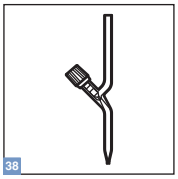
À la recherche de composants, s'il vous plaît vérifier:



Burette tube	pages	95 - 96
Caña para bureta	páginas	
Tube pour burette	pages	







Stopcock	pages	105 - 106
Llave	páginas	
Robinet	pages	

Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

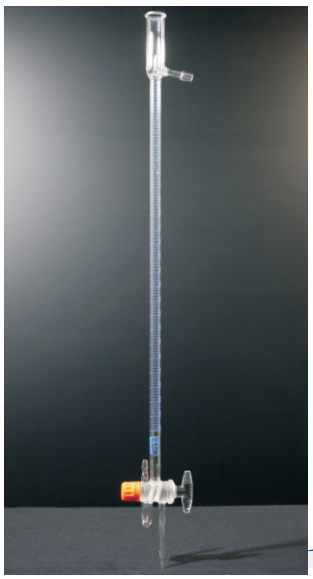
Contactez-nous pour d'autres tailles et spécifications

Automatic burette | Bureta automática | Burette automatique

Class AS
Boro 3.3 glass
Batch certificate per each item
Available with Schellbach stripe for best reading accuracy (add 1 to the end of reference code)
Graduated to deliver (EX)
Works certificate available on request
Available calibration certificate by NormaLab (ISO 17025 accredited laboratory)
Available special lubricant for the stopcocks

Clase AS
Vidrio boro 3.3
Certificado de serie por pieza
Disponible con franja Schellbach para mejor precisión de la lectura (añadir 1 al final del código de referencia)
Ajustado por vertido (EX)
Certificado individual a pedido
Disponible: certificado de calibración por NORMALAB (laboratorio acreditado según la norma ISO 17025)
Disponible lubricante especial para las llaves de paso

Classe AS
Verre boro 3.3
Certificat de performance par pièce
Disponible avec bande Schellbach pour meilleur précision de lecture (ajouter 1 au code de référence)
Graduées à écouler (EX)
Certificat individuel sous demande
Disponible: certificat d'étalonnage emis par NORMALAB (laboratoire accrédité selon la norme ISO 17025)
Disponible lubrifiant spécial pour les robinets



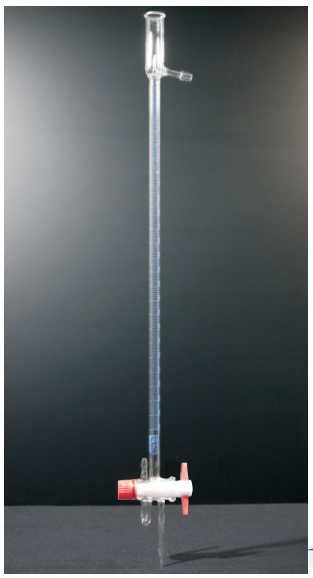
Two-way stopcock, glass Key
Class AS, boro 3.3 glass
ISO 385

Llave de paso dos vías, llave de vidrio
Clase AS, vidrio boro 3.3

Robinet à deux voies, clé en verre
Classe AS, verre boro 3.3



Ref.	Cap. (ml)	Divis. (ml)	Box
3450127	10	0,05	1
3450133	25	0,1	1
3450136	50	0,1	1
3450139	100	0,2	1



Two-way stopcock, PTFE Key
Class AS, boro 3.3 glass
ISO 385

Llave de paso dos vías, llave PTFE
Clase AS, vidrio boro 3.3

Robinet à deux voies, clé en PTFE
Classe AS, verre boro 3.3



Ref.	Cap. (ml)	Divis. (ml)	Box
3450227	10	0,05	1
3450233	25	0,1	1
3450236	50	0,1	1
3450239	100	0,2	1

Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Automatic burette | Bureta automática | Burette automatique

Ref.	Cap. (ml)	Divis. (ml)	Flask capacity (ml)	Box
3086922	5	0,02	500	1
3086927	10	0,05	500	1
3086930	15	0,1	500	1
3086933	25	0,1	1000	1
3086936	50	0,1	1000	1

According to Dr. Schilling
Class AS
Boro 3.3 glass

ISO 385

Modelo Dr. Schilling
Clase AS
Vidrio boro 3.3

Modèle Dr Schilling
Classe AS
Verre boro 3.3





Ref.	Cap. (ml)	Divis. (ml)	Box
3431711	1	0,01	1
3431716	2	0,01	1
3431722	5	0,02	1
3431727	10	0,02	1

Micro, PTFE key
Class AS, boro 3.3 glass

ISO 385

Micro, llave PTFE
Clase AS, vidrio boro 3.3

Micro, clé en PTFE
Classe AS, verre boro 3.3





Ref.	Cap. (ml)	Divis. (ml)	Box
3431911	1	0,01	1
3431916	2	0,01	1
3431922	5	0,02	1
3431927	10	0,02	1

Micro, glass key
Class AS, boro 3.3 glass

ISO 385

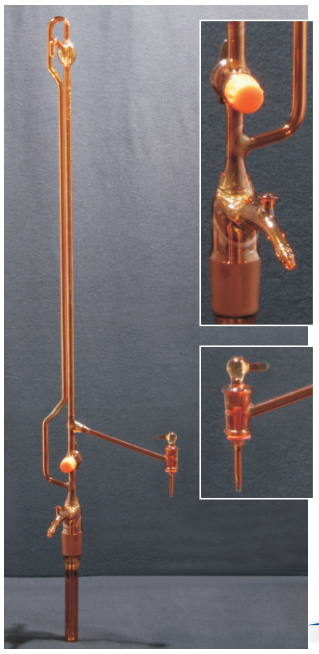
Micro, llave de vidrio
Clase AS, vidrio boro 3.3

Micro, clé en verre
Classe AS, verre boro 3.3





Automatic burette | Bureta automática | Burette automatique



Two stopcocks, glass key
Class AS, white printing and amber glass
Boro 3.3 glass, without reservoir bottle
With automatic zero point

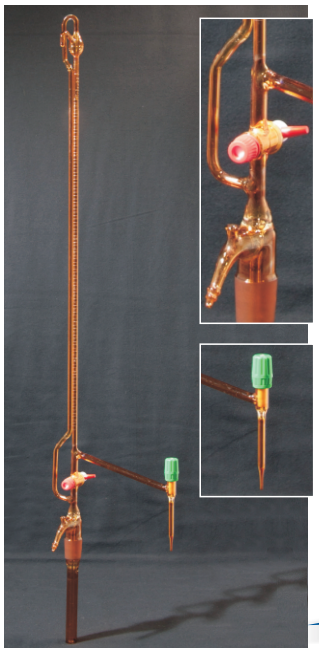
ISO 385

Dos llaves de vidrio
Clase AS, impresión blanca y vidrio ámbar
Vidrio boro 3.3, sin frasco
Con punto cero automático

Deux robinets en verre
Classe AS, impression blanche et verre ambre
Verre boro 3.3, sans réservoir bouteille
Avec zéro automatique



Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
3441822	10	0,02	0,02	1
3441827	10	0,05	0,02	1
3441834	25	0,05	0,03	1
3441833	25	0,1	0,05	1
3441836	50	0,1	0,05	1



Two stopcocks, PTFE key
Class AS, white printing and amber glass
Boro 3.3 glass, without reservoir bottle
With automatic zero point

ISO 385

Dos llaves de paso, llave PTFE
Clase AS, impresión blanca y vidrio ámbar
Vidrio boro 3.3, sin frasco
Con punto cero automático

Deux robinets, clé en PTFE
Classe AS, impression blanche et verre ambre
Verre boro 3.3, sans réservoir bouteille
Avec zéro automatique



Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
3461822	10	0,02	0,02	1
3461827	10	0,05	0,02	1
3461834	25	0,05	0,03	1
3461833	25	0,1	0,05	1
3461836	50	0,1	0,05	1

Intermediate stopcock PTFE key, lateral stopcock PTFE needle-valve
Llave de paso intermedio en PTFE, llave lateral de punzón en PTFE
Robinet intermédiaire clé PTFE, robinet latéral valve PTFE

Bottle for burette | Botella para bureta | Bouteille pour burette



Soda-lime glass, **amber**

Vidrio corriente, **ámbar**

Verre sodocalcique, **ambre**

Ref.	Cap. (ml)	Box
4043463N	2000	6

Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Automatic burette | Bureta automática | Burette automatique

Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
3431822	10	0,02	0,02	1
3431827	10	0,05	0,02	1
3431834	25	0,05	0,03	1
3431833	25	0,1	0,05	1
3431836	50	0,1	0,05	1

Two stopcocks, glass key
Class AS, blue printing
Boro 3.3 glass, without reservoir bottle
With automatic zero point

ISO 385

Dos llaves de vidrio
Clase AS, impresión azul
Vidrio boro 3.3, sin frasco
Con punto cero automático

Deux robinets en verre
Classe AS, impression bleue
Verre boro 3.3, sans réservoir bouteille
Avec zéro automatique





Ref.	Cap. (ml)	Divis. (ml)	Tol. +/- (ml)	Box
3451822	10	0,02	0,02	1
3451827	10	0,05	0,02	1
3451834	25	0,05	0,03	1
3451833	25	0,1	0,05	1
3451836	50	0,1	0,05	1

Intermediate stopcock PTFE key, lateral stopcock PTFE needle-valve
Llave de paso intermedio en PTFE, llave lateral de punzón en PTFE
Robinet intermédiaire clé PTFE, robinet latéral valve PTFE

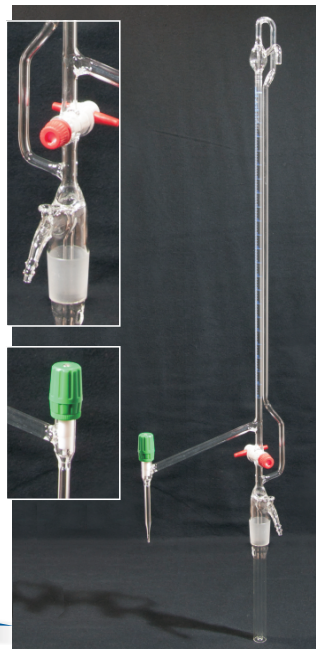
Two stopcocks, PTFE key
Class AS, blue printing
Boro 3.3 glass, without reservoir bottle
With automatic zero point

ISO 385

Dos llaves PTFE
Clase AS, impresión azul
Vidrio boro 3.3, sin frasco
Con punto cero automático

Deux robinets, clé en PTFE
Classe AS, impression bleue
Verre boro 3.3, sans réservoir bouteille
Avec zéro automatique





Bottle for burette | Botella para bureta | Bouteille pour burette

Ref.	Cap. (ml)	Box
4043363N	2000	6

Soda-lime glass, **clear**

Vidrio corriente, **transparente**

Verre sodocalcique, **transparent**



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications



Desiccator | Desecador | Dessicateur

NORMAX® desiccators are available in the following range of models (with stopcock, without stopcock and with rotating sleeve valve) and sizes (150, 200, 250 and 300 mm).

All the components are available as spare parts, if necessary.

For vacuum purposes, the lid and bottom grinded areas must be kept clean and lubricated.

NORMAX® desiccators are marked with Normax brand to ensure authenticity.



Los desecadores NORMAX® están disponibles en la siguiente gama de modelos (con llave de paso, sin llave de paso y con válvula de manga giratoria) y tamaños (150, 200, 250 y 300 mm).

Todos los componentes están disponibles como repuestos, si es necesario.

Para el uso en vacío, las superficies esmeriladas de la tapa y del fondo de los desecadores deben mantenerse siempre limpias y lubrificadas.

Los desecadores NORMAX® están marcados con la marca Normax para garantizar la autenticidad.

Les dessiccateurs NORMAX® sont disponibles dans la gamme de modèles suivante (avec robinet d'arrêt, sans robinet d'arrêt et avec robinet à manchon rotatif) et dans les dimensions (150, 200, 250 et 300 mm).

Tous les composants sont disponibles en tant que pièces de rechange, si nécessaire.

Pour l'utilisation en vide, il faut maintenir les superficies émeris du couvercle et du fond toujours propres et lubrifiées.

Les dessiccateurs NORMAX® sont marqués avec la marque Normax pour garantir leur authenticité.



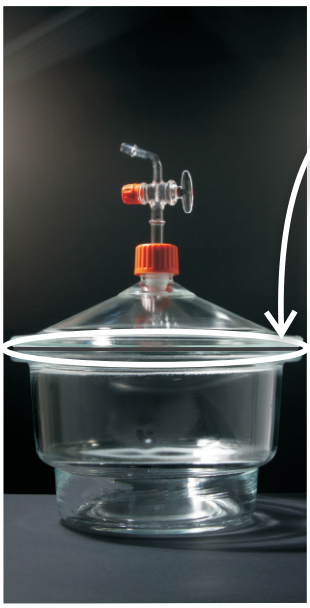


Reinforced box
Caja reforzada
Boîte renforcée

Accessories | Accesorios | Accessoires

Ref.	Feature | Característica | Caractéristique
719270	Protection glove | Guante de protección | Gant de protection
LG9116950	Joint grease | Grasa para juntas | Graisse pour joints
8GE0043V	Orange Silica Gel 1 kg | Gel de sílice naranja 1 kg | Gel de silice orange 1 kg
8GE0043W	Orange Silica Gel 5 kg | Gel de sílice naranja 5 kg | Gel de silice orange 5 kg

Desiccator | Desecador | Dessicateur



NEW·NUEVO·NOUVEAU
Sealing ring
Anillo de sellado
Bague d'étanchéité

With stopcock, sealing ring, soda-lime glass

Con llave, anillo de sellado, vidrio corriente

Avec robinet, bague d'étanchéité, verre sodocalcique

Without plate

Sin placa

Sans plaque

Ref.	Size (mm)	Box
4906019W	150	1
4906031W	250	1

With porcelain plate (photo a)

Con placa de porcelana (foto a)

Avec plaque de porcelaine (photo a)

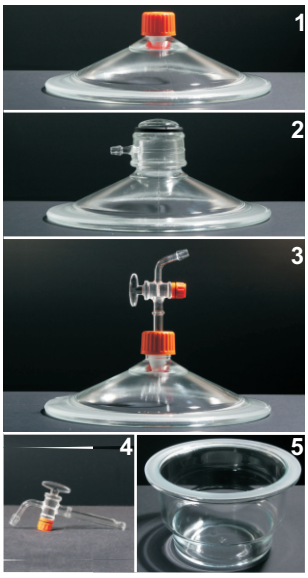
Ref.	Size (mm)	Box
49060191W	150	1
49060311W	250	1

With metal plate (photo b)

Con placa de metal (foto b)

Avec plaque de metal (photo b)

Ref.	Size (mm)	Box
49060192W	150	1
49060312W	250	1

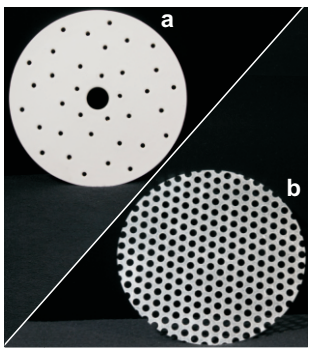


Components, soda-lime glass

Componentes, vidrio corriente

Composants, verre sodocalcique

Ref.	Size (mm)	Photo	Feature	Box
4906219	150	1	lid without stopcock tapa botón couvercle à bouton	1
4906224	200			1
4906231	250			1
4906234	300			1
4906619	150	2	lid with rotating sleeve valve tapa con oliva couvercle avec vanne rotative	1
4906624	200			1
4906631	250			1
4906634	300			1
4906319	150	3	lid with stopcock tapa con grifo couvercle à robinet	1
4906324	200			1
4906331	250			1
4906334	300			1
9065021	IN 14	4	stopcock | llave | robinet	1
4907119	150	5	jar fondo fond	1
4907124	200			1
4907131	250			1
4907134	300			1
4907119W	150	-	jar for sealing ring	1
4907131W	250			1
4910150W	150	-	black sealing ring	1
4910250W	250			1



Plate

Placa

Plaque

Ref.	Size (mm)	Photo	Plate	Box
4906402	150	a	porcelain porcelana porcelaine	1
4906404	200			1
4906405	250			1
4906406	300			1
4906502	150	b	metal	1
4906504	200			1
4906505	250			1
4906506	300			1

Desiccator | Desecador | Dessicateur

Soda-lime glass | **Vidrio corriente** | **Verre sodocalcique**

Ref.	Size (mm)	Box
4906019	150	1
4906024	200	1
4906031	250	1
4906034	300	1

With stopcock, **without plate**

Con llave, **sin placa**

Avec robinet, **sans plaque**



Ref.	Size (mm)	Box
49060191	150	1
49060241	200	1
49060311	250	1
49060341	300	1

With stopcock, **porcelain plate**

Con llave, **placa de porcelana**

Avec robinet, **plaque de porcelaine**

Ref.	Size (mm)	Box
49060192	150	1
49060242	200	1
49060312	250	1
49060342	300	1

With stopcock, **metal plate**

Con llave, **placa de metal**

Avec robinet, **plaque de metal**

Ref.	Size (mm)	Box
4906119	150	1
4906124	200	1
4906131	250	1
4906134	300	1

Without stopcock, **without plate**

Con tapa botón, **sin placa**

À bouton, **sans plaque**



Ref.	Size (mm)	Box
49061191	150	1
49061241	200	1
49061311	250	1
49061341	300	1

Without stopcock, **porcelain plate**

Con tapa botón, **placa de porcelana**

À bouton, **plaque de porcelaine**

Ref.	Size (mm)	Box
49061192	150	1
49061242	200	1
49061312	250	1
49061342	300	1

Without stopcock, **metal plate**

Con tapa botón, **placa de metal**

À bouton, **plaque de metal**

Ref.	Size (mm)	Box
4906519	150	1
4906524	200	1
4906531	250	1
4906534	300	1

With rotating sleeve valve, **without plate**

Con oliva, **sin placa**

Avec vanne rotative, **sans plaque**



Ref.	Size (mm)	Box
49065191	150	1
49065241	200	1
49065311	250	1
49065341	300	1

With rotating sleeve valve, **porcelain plate**

Con oliva, **placa de porcelana**

Avec vanne rotative, **plaque de porcelaine**

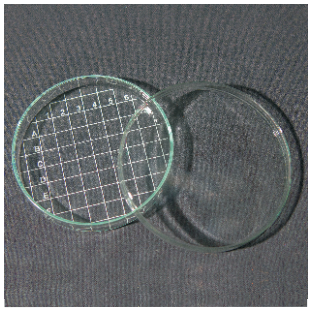
Ref.	Size (mm)	Box
49065192	150	1
49065242	200	1
49065312	250	1
49065342	300	1

With rotating sleeve valve, **metal plate**

Con oliva, **placa de metal**

Avec vanne rotative, **plaque de metal**

Petri dish | Placa de Petri | Boîte de Petri

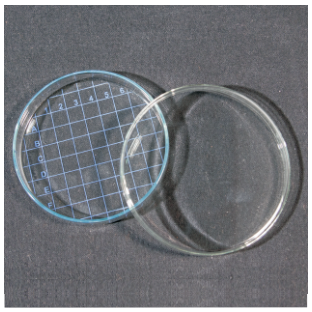


White counting grid, soda-lime glass
Available in other colours

Cuadrícula de recuento blanco
Vidrio corriente
Disponible en otros colores

Fond quadrillé comptage blanche
Verre sodocalcique
Disponible dans d'autres couleurs

Ref.	Height x Outside diam.(mm)	Box
50585011	12 x 40	40
50585411	15 x 60	30
50585431	15 x 80	36
50585461	15 x 90	36
50585441	10 x 100	36
50585451	15 x 100	36
50585481	20 x 100	36
50585501	20 x 120	72
50585581	25 x 150	36
50585591	30 x 180	6
50585601	30 x 200	6
50585611	50 x 200	6

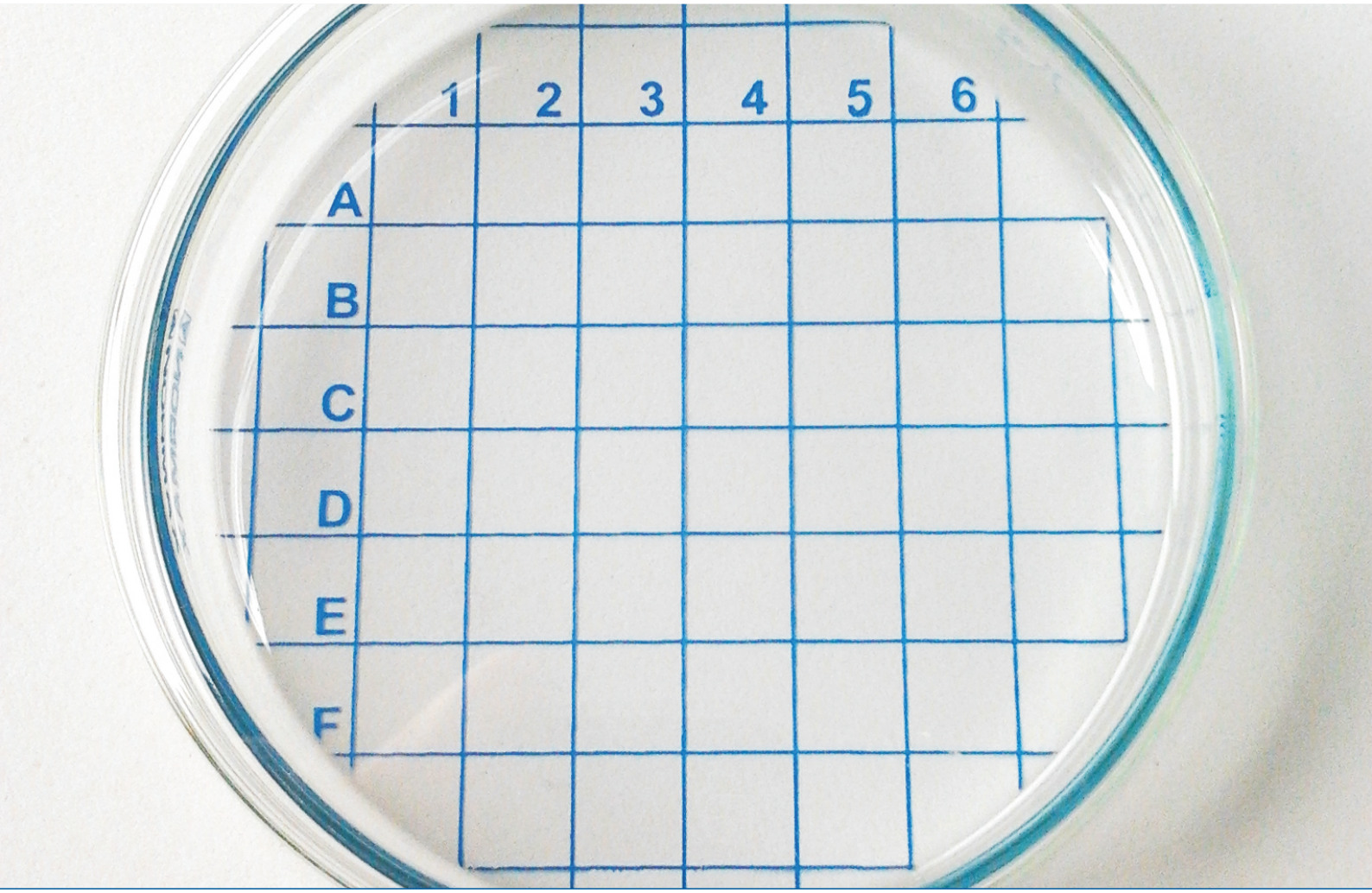


Blue counting grid, soda-lime glass
Available in other colours

Cuadrícula de recuento azul
Vidrio corriente
Disponible en otros colores

Fond quadrillé comptage bleue
Verre sodocalcique
Disponible dans d'autres couleurs

Ref.	Height x Outside diam.(mm)	Box
50585012	12 x 40	40
50585412	15 x 60	30
50585432	15 x 80	36
50585462	15 x 90	36
50585442	10 x 100	36
50585452	15 x 100	36
50585482	20 x 100	36
50585502	20 x 120	72
50585582	25 x 150	36
50585592	30 x 180	6
50585602	30 x 200	6
50585612	50 x 200	6



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

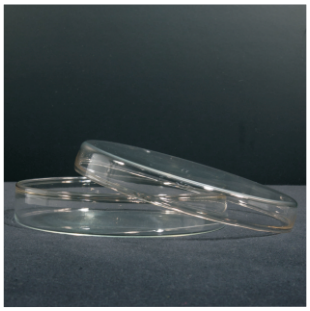
Petri dish | Placa de Petri | Boîte de Petri

Soda-lime glass

Vidrio corriente

Verre sodocalcique

Ref.	Height x Outside diam.(mm)	Box
5058501	12 x 40	40
5058541	15 x 60	30
5058543	15 x 80	36
5058546	15 x 90	36
5058544	10 x 100	36
5058545	15 x 100	36
5058548	20 x 100	36
5058550	20 x 120	72
5058558	25 x 150	36
5058559	30 x 180	6
5058560	30 x 200	6
5058561	50 x 200	6



Boro 3.3 glass

Vidrio boro 3.3

Verre boro 3.3

Autoclave safe

Ref.	Height x Outside diam.(mm)	Box
5058641	15 x 60	25
5058643	15 x 80	36
5058646	15 x 90	36
5058645	15 x 100	34
5058648	20 x 100	30
5058650	20 x 120	68
5058658	25 x 150	36
5058659	30 x 180	6
5058660	30 x 200	5
5058661	50 x 200	5



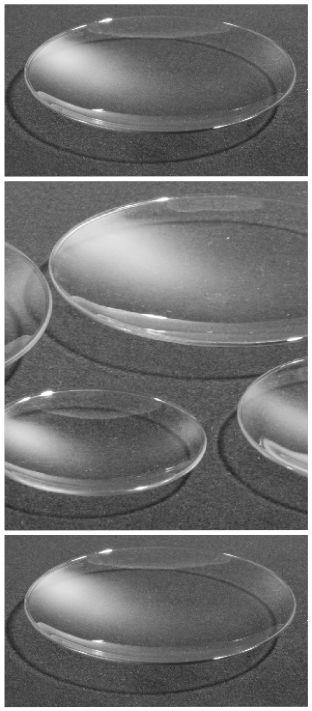


Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Watch glass | Vidrio de reloj | Verre de montre



Glazed rims, **soda-lime glass**

Bordes requemados, **vidrio corriente**

Bords rebrûlés, **verre sodocalcique**

Ref.	Outside diam. (mm)	Box
4132124	40	10
4132132	50	10
4132134	60	10
4132136	70	10
4132141	80	10
4132144	90	10
4132146	100	10
4132150	120	10
4132152	125	10
4132157	150	10
4132161	200	10
4132166	250	10

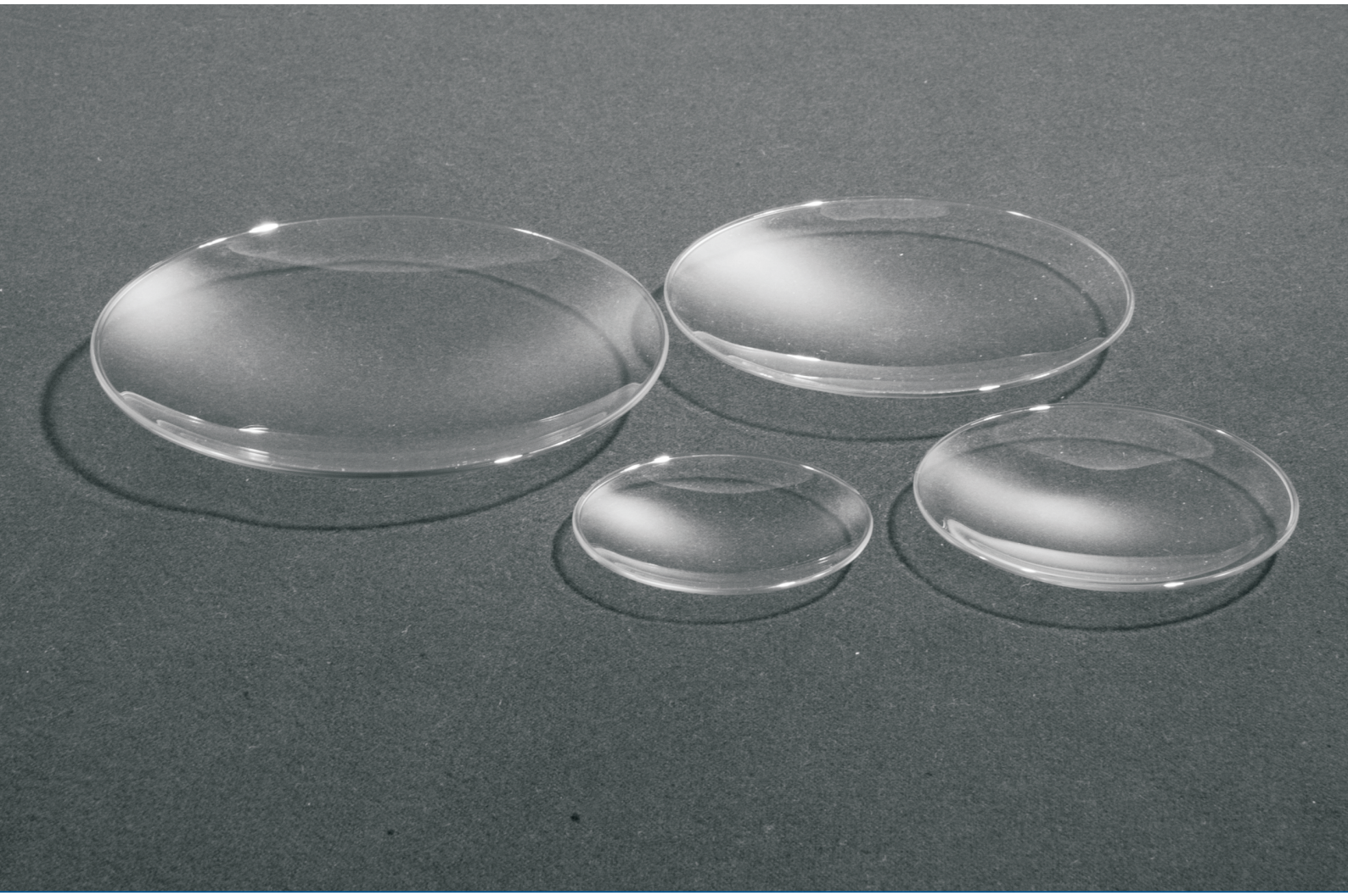
Glazed rims, **boro 3.3 glass**

Bordes requemados, **vidrio boro 3.3**

Bords rebrûlés, **verre boro 3.3**

Autoclave safe

Ref.	Outside diam. (mm)	Box
4142124	40	10
4142132	50	10
4142134	60	10
4142136	70	10
4142141	80	10
4142144	90	10
4142146	100	10
4142150	120	10
4142152	125	10
4142157	150	10
4142161	200	10
4142166	250	10



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Pasteur pipette | Pipeta Pasteur | Pipette Pasteur

Ref.	Outside diam. (mm)	Length (mm)	Tip	Box
5426015	6,5 - 8	145 - 150	open	250
5426023	6,5 - 8	225 - 230	abierta	250
5426027	6,5 - 8	270	ouverte	250
5426015F	6,5 - 8	145 - 150	closed	250
5426023F	6,5 - 8	225 - 230	cerrada	250
5426027F	6,5 - 8	270	fermée	250

Soda-lime glass

Vidrio corriente

Verre sodocalcique



Ref.	Outside diam. (mm)	Length (mm)	Tip	Box
5426015C	6,5 - 8	145 - 150	open	250
5426023C	6,5 - 8	225 - 230	abierta	250
5426027C	6,5 - 8	270	ouverte	250
5426015CC	6,5 - 8	145 - 150	closed	250
5426023CC	6,5 - 8	225 - 230	cerrada	250
5426027CC	6,5 - 8	270	fermée	250

Cotton plugged, soda-lime glass

Con algodón, vidrio corriente

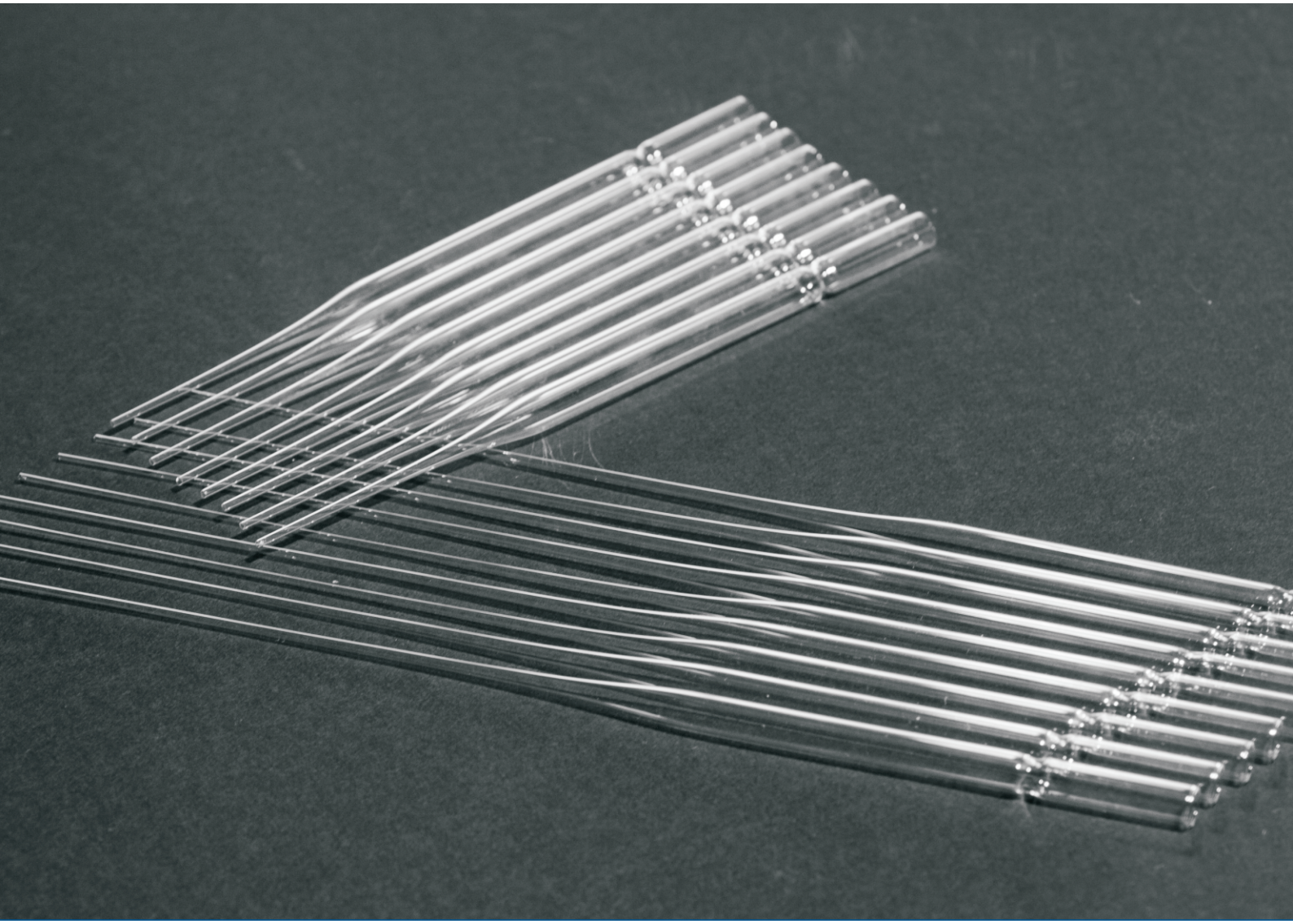
Cotonnée, verre sodocalcique



Available:
Customised packing - OEM

Disponible:
Envase personalizado - OEM

Disponible:
Emballage personnalisé - OEM

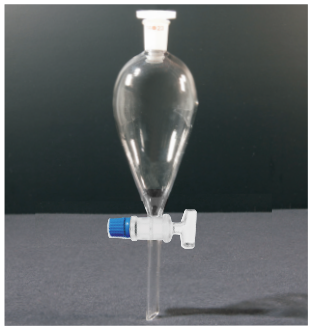


Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Separating funnel | Embudo de decantación | Ampoule à décanter

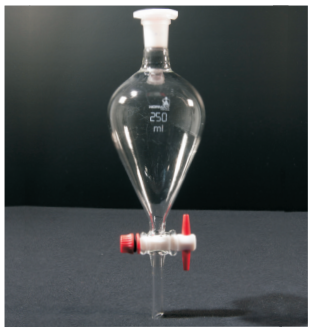


Pear shape, boro 3.3 glass
Glass key, plastic stopper

Forma de pera, vidrio boro 3.3
Llave de vidrio, tapón plástico

Forme de poire, verre boro 3.3
Clé de verre, bouchon plastique

Ref.	Cap. (ml)	IN	Bore	Box
44701	25	14/23	2,5	1
44712	25	19/26	2,5	1
44702	50	14/23	2,5	1
44703	50	19/26	2,5	1
44704	100	14/23	2,5	1
44705	100	19/26	2,5	1
44707	250	19/26	4	1
44713	250	29/32	4	1
44708	500	19/26	4	1
44714	500	29/32	4	1
44709	1000	29/32	6	1
44711	2000	29/32	6	1



Pear shape, boro 3.3 glass
PTFE key, plastic stopper

Forma de pera, vidrio boro 3.3
Llave PTFE, tapón plástico

Forme de poire, verre boro 3.3
Clé en PTFE, bouchon plastique

Ref.	Cap. (ml)	IN	Bore	Box
44901	25	14/23	2,5	1
44912	25	19/26	2,5	1
44902	50	14/23	2,5	1
44903	50	19/26	2,5	1
44904	100	14/23	2,5	1
44905	100	19/26	2,5	1
44907	250	19/26	4	1
44913	250	29/32	4	1
44908	500	19/26	4	1
44914	500	29/32	4	1
44909	1000	29/32	6	1
44911	2000	29/32	6	1



Pear shape, boro 3.3 glass,
PTFE needle-valve, plastic stopper

Forma de pera, vidrio boro 3.3
Llave de punzón PTFE, tapón plástico

Forme de poire, verre boro 3.3
Valve en PTFE, bouchon plastique

Ref.	Cap. (ml)	IN	Bore	Box
45002	50	14/23	2,5	1
45003	50	19/26	2,5	1
45004	100	14/23	2,5	1
45005	100	19/26	2,5	1
45007	250	19/26	4	1
45013	250	29/32	4	1
45008	500	19/26	4	1
45014	500	29/32	4	1
45009	1000	29/32	6	1
45011	2000	29/32	6	1

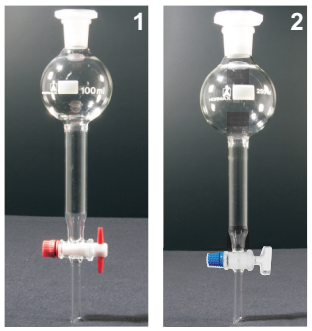


Spherical shape, boro 3.3 glass
Glass key, plastic stopper
Available with PTFE key

Forma esférica, vidrio boro 3.3
Llave de vidrio, tapón plástico
Disponible con llave PTFE

Forme sphérique, verre boro 3.3
Clé de verre, bouchon plastique
Disponible avec clé en PTFE

Ref.	Cap. (ml)	IN	Box
43701	50	19/26	1
43702	100	19/26	1
43703	250	19/26	1
43704	500	19/26	1
43705	500	24/29	1
43706	1000	19/26	1
43707	1000	29/32	1



Spherical shape (Gilson type), boro 3.3 glass
PTFE key, plastic stopper

Forma esférica (Gilson), vidrio boro 3.3
Llave PTFE, tapón plástico

Forme sphérique (Gilson), verre boro 3.3
Clé en PTFE, bouchon plastique

Ref.	Photo	Cap. (ml)	IN	Key	Box
9065069	1	50	19/26	PTFE	1
9065031	2	100	19/26	glass	1
9065033	1	100	19/26	PTFE	1
9065076	1	250	19/26	PTFE	1
9065075	2	250	29/32	glass	1
9065179	1	500	29/32	PTFE	1

Separating funnel | Embudo de decantación | Ampoule à décanter

Ref.	Cap. (ml)	IN	Bore	Box
44107	25	14/23	2,5	1
44114	25	19/26	2,5	1
44101	50	14/23	2,5	1
44108	50	19/26	2,5	1
44102	100	14/23	2,5	1
44103	100	19/26	2,5	1
44110	250	19/26	4	1
44104	250	29/32	4	1
44111	500	19/26	4	1
44105	500	29/32	4	1
44112	1000	24/29	6	1
44106	1000	29/32	6	1
44113	2000	29/32	6	1

Conical shape, boro 3.3 glass
Glass key, plastic stopper

Forma cónica, vidrio boro 3.3
Llave de vidrio, tapón plástico

Forme conique, verre boro 3.3
Clé de verre, bouchon plastique

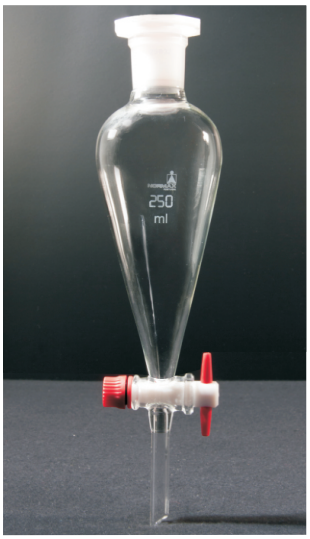


Ref.	Cap. (ml)	IN	Bore	Box
44807	25	14/23	2,5	1
44814	25	19/26	2,5	1
44801	50	14/23	2,5	1
44808	50	19/26	2,5	1
44802	100	14/23	2,5	1
44803	100	19/26	2,5	1
44810	250	19/26	4	1
44804	250	29/32	4	1
44811	500	19/26	4	1
44805	500	29/32	4	1
44812	1000	24/29	6	1
44806	1000	29/32	6	1
44813	2000	29/32	6	1

Conical shape, boro 3.3 glass
PTFE key, plastic stopper

Forma cónica, vidrio boro 3.3
Llave PTFE, tapón plástico

Forme conique, verre boro 3.3
Clé en PTFE, bouchon plastique



Ref.	Cap. (ml)	IN	Bore	Box
45101	50	14/23	2,5	1
45108	50	19/26	2,5	1
45102	100	14/23	2,5	1
45103	100	19/26	2,5	1
45110	250	19/26	4	1
45104	250	29/32	4	1
45111	500	19/26	4	1
45105	500	29/32	4	1
45112	1000	24/29	6	1
45106	1000	29/32	6	1
45113	2000	29/32	6	1

Conical shape, boro 3.3 glass
PTFE needle-valve, plastic stopper

Forma cónica, vidrio boro 3.3
Llave de punzón PTFE, tapón plástico

Forme conique, verre boro 3.3
Valve en PTFE, bouchon plastique



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Separating funnel | Embudo de decantación | Ampoule à décanter



Cylindrical shape, boro 3.3 glass
Glass key, plastic stopper
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3
Llave de vidrio, tapón plástico
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3
Clé de verre, bouchon plastique
Disponible avec clé en PTFE

Ref.	Cap. (ml)	IN	Box
43401	25	14/23	1
43402	50	14/23	1
43407	50	19/26	1
43408	100	14/23	1
43403	100	19/26	1
43404	250	19/26	1
43409	250	29/32	1
43410	500	24/29	1
43411	500	29/32	1
43412	1000	24/29	1
43413	1000	29/32	1
43414	2000	29/32	1



Cylindrical shape, boro 3.3 glass, **graduated**
Glass key, plastic stopper
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3, **graduado**
Llave de vidrio, tapón plástico
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3, **graduée**
Clé de verre, bouchon plastique
Disponible avec clé en PTFE

Ref.	Cap. (ml)	IN	Box
43415	25	14/23	1
43416	50	14/23	1
43417	50	19/26	1
43418	100	14/23	1
43419	100	19/26	1
43420	250	19/26	1
43421	250	29/32	1
43422	500	24/29	1
43423	500	29/32	1
43424	1000	24/29	1
43425	1000	29/32	1
43426	2000	29/32	1



Cylindrical shape, boro 3.3 glass, **graduated**
Glass key, plastic stopper
Standard ground joint
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3, **graduado**
Llave de vidrio, tapón plástico
Esmerilado
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3, **graduée**
Clé de verre, bouchon plastique
Avec rodage
Disponible avec clé en PTFE

Ref.	Cap. (ml)	IN	Box
43316	50	14/23	1
43318	100	14/23	1
43319	100	19/26	1
43327	250	24/29	1
43321	250	29/32	1
43322	500	24/29	1
43323	500	29/32	1
43325	1000	29/32	1

Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Separating funnel | Embudo de decantación | Ampoule à décanter

Ref.	Cap. (ml)	IN	Box
43302	50	14/23	1
43308	100	14/23	1
43303	100	19/26	1
43305	250	24/29	1
43309	250	29/32	1
43310	500	24/29	1
43311	500	29/32	1
43313	1000	29/32	1

Cylindrical shape, boro 3.3 glass
Glass key, plastic stopper
Standard ground joint
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3
Llave de vidrio, tapón plástico
Esmerilado
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3
Clé de verre, bouchon plastique
Avec rodage
Disponible avec clé en PTFE



Ref.	Cap. (ml)	IN	Box
46002	50	14/23	1
46008	100	14/23	1
46003	100	19/26	1
46005	250	24/29	1
46009	250	29/32	1
46010	500	24/29	1
46011	500	29/32	1

Cylindrical shape, boro 3.3 glass
Glass key, plastic stopper
Pressure equalisation tube
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3
Llave de vidrio, tapón plástico
Tubo compensador de presión
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3
Clé de verre, bouchon plastique
Tube d'équilibrage
Disponible avec clé en PTFE



Ref.	Cap. (ml)	IN	Box
46016	50	14/23	1
46018	100	14/23	1
46019	100	19/26	1
46027	250	24/29	1
46021	250	29/32	1
46022	500	24/29	1
46023	500	29/32	1

Cylindrical shape, boro 3.3 glass, **graduated**
Glass key, plastic stopper
Pressure equalisation tube
Available with PTFE key

Forma cilíndrica, vidrio boro 3.3, **graduado**
Llave de vidrio, tapón plástico
Tubo compensador de presión
Disponible con llave PTFE

Forme cylindrique, verre boro 3.3, **graduée**
Clé de verre, bouchon plastique
Tube d'équilibrage
Disponible avec clé en PTFE



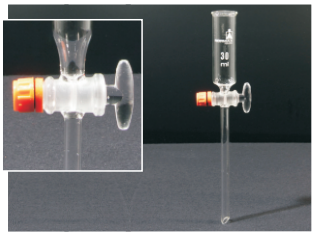
Dropping funnel | Embudo de carga | Entonnoir cylindrique

Ref.	Cap. (ml)	Box
43201	30	1
9065040	50	1
43202	60	1
43203	125	1
43204	250	1
43210	500	1
43213	1000	1
43214	2000	1

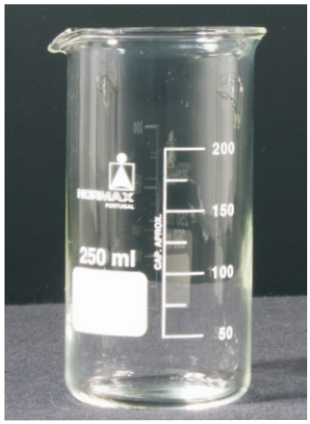
Cylindrical shape, boro 3.3 glass
Glass key, Available with PTFE key

Forma cilíndrica, vidrio boro 3.3
Llave de vidrio, disponible con llave PTFE

Forme cylindrique, verre boro 3.3
Clé de verre, disponible avec clé en PTFE



Beaker | Vaso | Bécher



Tall form, with spout, **with scale**
Boro 3.3 glass
Available with double scale

ISO 3819

Forma alta, con pico, **con escala**
Vidrio boro 3.3
Disponible con doble escala

Forme haute, avec bec verseur, **avec échelle**
Verre boro 3.3
Disponible avec double échelle

Ref.	Cap. (ml)	Box
2111614N	25	10
2111617N	50	10
2111624N	100	10
2111629N	150	10
2111636N	250	10
2111641N	400	10
2111648N	600	10
2111653N	800	10
2111654N	1000	10
2111663N	2000	10
2111668N	3000	1



Low form, with spout, **with scale**
Boro 3.3 glass
Available with double scale

ISO 3819

Forma baja, con pico, **con escala**
Vidrio boro 3.3
Disponible con doble escala

Forme basse, avec bec verseur
Avec échelle, verre boro 3.3
Disponible avec double échelle

Ref.	Cap. (ml)	Box
2110107N	5	10
2110108N	10	10
2110614N	25	20
2110617N	50	10
2110624N	100	10
2110629N	150	10
2110636N	250	10
2110641N	400	10
2110648N	600	10
2110653N	800	10
2110654N	1000	10
2110663N	2000	1
2110668N	3000	1
2110673N	5000	1
2110686N	10000	1



Conical pressed measuring flask
Raised scale, soda-lime glass

Copa cónica, **escala moldada**
Vidrio corriente

Verre à experience, **échelle élevé**
Verre sodocalcique

Ref.	Cap. (ml)	Box
4010114	25	1
4010117	50	1
4010120	60	1
4010124	100	1
4010121	125	1
4010136	250	1
4010144	500	1



Bell shape measuring flask, **blue scale**
Soda-lime glass

Copa cónica (tipo campana), **escala azul**
Vidrio corriente

Verre à experience, **avec échelle bleue**
Verre sodocalcique

Ref.	Cap. (ml)	Box
4011114	25	1
4011117	50	1
4011124	100	1
4011121	125	1
4011136	250	1
4011144	500	1
4011154	1000	1
4011163	2000	1

Erlenmeyer flask | Matraz Erlenmeyer | Fiole Erlenmeyer

Ref.	Cap. (ml)	Box
2122614N	25	10
2122617N	50	10
2122624N	100	10
2122636N	250	10
2122644N	500	10
2122654N	1000	10
2122663N	2000	10

Wide neck, with scale
Boro 3.3 glass

Cuello ancho, con escala
Vidrio boro 3.3

Col large, avec échelle
Verre boro 3.3



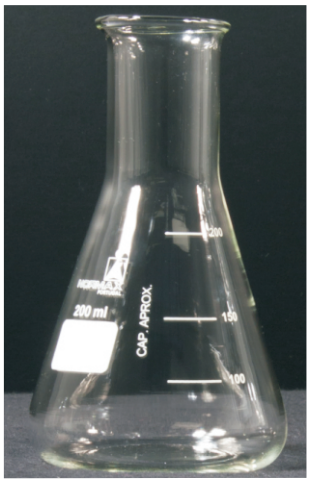
Ref.	Cap. (ml)	Box
2121614N	25	10
2121617N	50	10
2121624N	100	10
2121632N	200	10
2121636N	250	10
2121639N	300	10
2121644N	500	10
2121654N	1000	10
2121663N	2000	10
2121668N	3000	1
2121673N	5000	1

Narrow neck, with scale
Boro 3.3 glass

ISO 1773

Cuello normal, con escala
Vidrio boro 3.3

Col étroit, avec échelle
Verre boro 3.3



Ref.	Cap. (ml)	IN	Box
47101	5	10/19	10
47102	10	10/19	10
47103	25	10/19	10
47104	25	14/23	10
47105	25	19/26	10
47106	50	14/23	10
47107	50	19/26	10
47108	50	24/29	10
47109	100	14/23	10
47110	100	19/26	10
47111	100	24/29	10
47112	100	29/32	10
47113	200	19/26	10
47114	200	24/29	10
47115	200	29/32	10
47116	250	19/26	10
47117	250	24/29	10
47118	250	29/32	10
47127	300	29/32	10
47119	500	19/26	10
47120	500	24/29	10
47121	500	29/32	10
47122	1000	24/29	10
47123	1000	29/32	10
47124	1000	34/35	10
47125	2000	29/32	10
47126	2000	34/35	10

Standard ground joint
With scale, boro 3.3 glass

ISO 4797

Cuello esmerilado, con escala
Vidrio boro 3.3

Col rodé, avec échelle
Verre boro 3.3



Glass stopper, add "**V**" to the reference

Tapón de vidrio, añadir "**V**" a la referencia

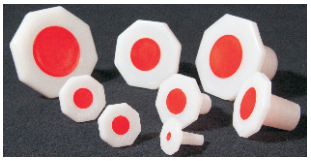
Bouchon en verre, ajouter "**V**" à la référence



PE-HD stopper, add "**T**" to the reference

Tapón de PE-HD, añadir "**T**" a la referencia

Bouchon en PE-HD, ajouter "**T**" à la référence



Erlenmeyer flask | Matraz Erlenmeyer | Fiole Erlenmeyer



With red PBT threaded cap, autoclavable
With scale, boro 3.3 glass

ISO 4796

Con tapa rosca PBT roja, autoclavable
Con escala, vidrio boro 3.3

Avec bouchon à vis PBT rouge
Autoclavable, avec échelle, verre boro 3.3

Ref.	Cap. (ml)	GL	Box
21803245	100	25	10
21803365	250	32	10
21803445	500	32	10
21803545	1000	32	10

Iodine determination flask | Matraz índice de iodo | Fiole determination de l'iode



With scale, boro 3.3 glass

Con escala, vidrio boro 3.3

Avec échelle, verre boro 3.3

Ref.	Cap. (ml)	IN	Box
3419227	100	29/32	1
3419237	250	29/32	1
3419239	300	29/32	1
3419246	500	29/32	1

Kjeldahl flask | Matraz de Kjeldahl | Fiole Kjeldahl



Standard ground joint (photo 1)

DIN 12360

Cuello esmerilado (foto 1)

Col rodé (photo 1)

Ref.	Cap. (ml)	IN	Box	Ref.	Cap. (ml)	IN	Box
47401	50	19/26	1	47409	500	19/26	1
47402	100	19/26	1	47405	500	24/29	1
47403	100	24/29	1	47406	500	29/32	1
47404	250	24/29	1	47407	750	29/32	1
				47408	1000	29/32	1

Without standard ground joint (photo 2)

DIN 12360

Sin cuello esmerilado (foto 2)

Sans col rodé (photo 2)

Ref.	Cap. (ml)	Box
2123117N	50	1
2123124N	100	1
2123136N	250	1
2123144N	500	1
2123151N	800	1
2123154N	1000	1

Apparatus | Equipo | Appareil



please check | consulte | veuillez vérifier:

Detection of Trichinella by digestion apparatus	pages	87 - 88
Equipo digestor para detección de Triquina	páginas	
Appareil de digestion pour détection de Trichinella	pages	

Flask | Matraz | Ballon

Flask in boro 3.3 glass | **Matraz en vidrio boro 3.3** | **Ballon en verre boro 3.3**

Ref.	Cap. (ml)	Box
2173117N	50	10
2173124N	100	10
2173136N	250	10
2173144N	500	10
2173154N	1000	10
2173163N	2000	10

Wide neck, flat bottom, boro 3.3 glass

Cuello ancho, fondo plano, vidrio boro 3.3

Col large, fond plat, verre boro 3.3



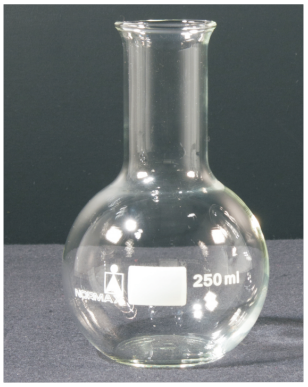
Ref.	Cap. (ml)	Box
2171117N	50	10
2171124N	100	10
2171136N	250	10
2171144N	500	10
2171154N	1000	10
2171163N	2000	10
2171171N	4000	1
2171176N	6000	1
2171186N	10000	1

Narrow neck, flat bottom
Boro 3.3 glass

ISO 1773

Cuello normal, fondo plano, vidrio boro 3.3

Col étroit, fond plat, verre boro 3.3



Ref.	Cap. (ml)	Box
2172117N	50	10
2172124N	100	10
2172136N	250	10
2172144N	500	10
2172154N	1000	10
2172163N	2000	10
2172171N	4000	1
2172176N	6000	1
2172186N	10000	1
2172191N	20000	1

Narrow neck, round bottom
Boro 3.3 glass

ISO 1773

Cuello normal, fondo redondo, vidrio boro 3.3

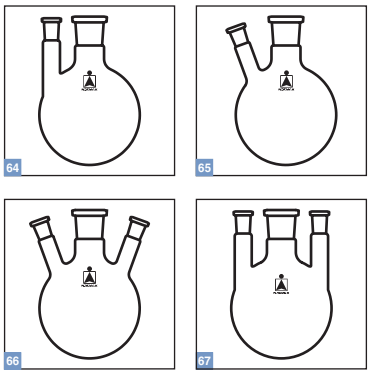
Col étroit, fond rond, verre boro 3.3



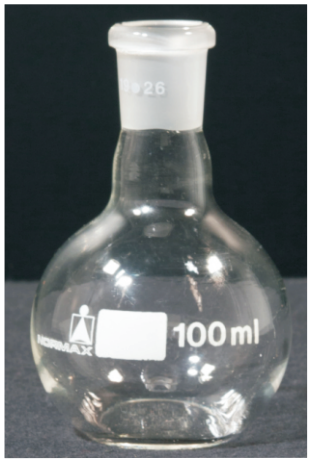
Other flasks | Otros matraces | Autres ballons

please check | consulte | veuillez vérifier:

round bottom, with 2 or 3 necks, parallel or angled	pages	94 - 95
fondo redondo, con 2 o 3 cuellos, paralelos o inclinados	páginas	
fond rond, avec bicol ou tricol, parallèles ou inclinés	pages	



Flask | Matraz | Ballon

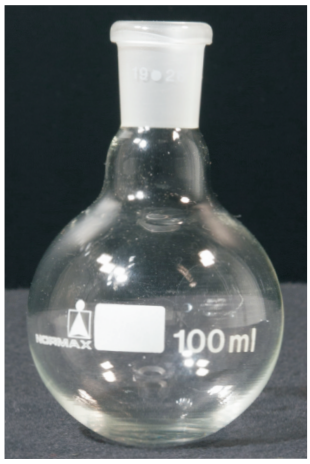


Standard ground joint
Flat bottom, boro 3.3 glass
ISO 4797

Cuello esmerilado
Fondo plano, vidrio boro 3.3

Col rodé, **fond plat**
Verre boro 3.3

Ref.	Cap. (ml)	IN	Box
47001	50	19/26	1
47002	50	24/29	1
47003	100	19/26	1
47004	100	24/29	1
47005	100	29/32	1
47006	250	19/26	1
47007	250	24/29	1
47008	250	29/32	1
47009	500	24/29	1
47010	500	29/32	1
47012	1000	24/29	1
47013	1000	29/32	1
47015	2000	29/32	1
47016	2000	34/35	1

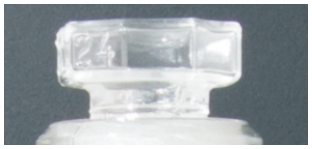


Standard ground joint
Round bottom, boro 3.3 glass
ISO 4797

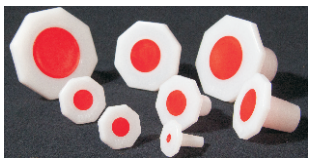
Cuello esmerilado
Fondo redondo, vidrio boro 3.3

Col rodé, **fond rond**
Verre boro 3.3

Ref.	Cap. (ml)	IN	Box
46801	5	10/19	1
46802	10	10/19	1
46803	25	14/23	1
46804	25	19/26	1
46805	25	24/29	1
46806	50	14/23	1
46807	50	19/26	1
46808	50	24/29	1
46824	50	29/32	1
46809	100	14/23	1
46810	100	19/26	1
46811	100	24/29	1
46812	100	29/32	1
46813	250	19/26	1
46814	250	24/29	1
46815	250	29/32	1
46816	500	24/29	1
46817	500	29/32	1
46818	500	34/35	1
46819	1000	24/29	1
46820	1000	29/32	1
46821	1000	34/35	1
46822	2000	29/32	1
46823	2000	34/35	1

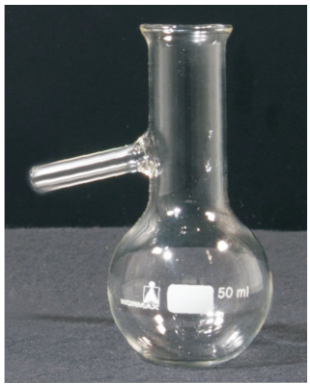


Glass stopper, add "**V**" to the reference
Tapón de vidrio, añadir "**V**" a la referencia
Bouchon en verre, ajouter "**V**" à la référence



PE-HD stopper, add "**T**" to the reference
Tapón de PE-HD, añadir "**T**" a la referencia
Bouchon en PE-HD, ajouter "**T**" à la référence

Distilling flask | Matraz de destilación | Ballon à distiller

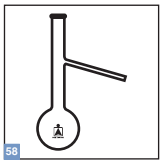


Engler
Boro 3.3 glass

Vidrio boro 3.3

Verre boro 3.3

Ref.	Cap. (ml)	Box
3124317	50	1
3124324	100	1
3124336	250	1
3124344	500	1
3124354	1000	1



please check | consulte | veuillez vérifier:

Engler, E 133 — page / página / page 93

Crystallising dish | Cristalizador | Cristallisoir

Ref.	Cap. (ml)	Diam. x Height (mm)	Box
2131124	20	40 x 25	10
2131132	40	50 x 30	10
2131134	60	60 x 35	10
2131138	100	70 x 40	10
2131141	150	80 x 45	10
2131144	300	95 x 55	10
2131149	500	115 x 65	10
2131154	900	140 x 75	10
2131159	2000	190 x 90	10
2131163	3500	230 x 100	10

With spout
Boro 3.3 glass
DIN 12338

Con pico, vidrio boro 3.3

Avec bec, verre boro 3.3



Ref.	Cap. (ml)	Diam. x Height (mm)	Box
4470524	20	40 x 25	10
4470532	40	50 x 30	10
4470534	60	60 x 35	10
4470538	100	70 x 40	10
4470541	150	80 x 45	10
4470544	300	95 x 55	10
4470549	500	115 x 65	10
4470554	900	140 x 75	10
4470559	2000	190 x 90	10
4470563	3500	230 x 100	10
4470572	5000	250 x 120	10

With spout, soda-lime glass

Con pico, vidrio corriente

Avec bec, verre sodocalcique



Ref.	Cap. (ml)	Diam. x Height (mm)	Box
2131324	20	40 x 25	10
2131332	40	50 x 30	10
2131334	60	60 x 35	10
2131338	100	70 x 40	10
2131341	150	80 x 45	10
2131344	300	95 x 55	10
2131349	500	115 x 65	10
2131354	900	140 x 75	10
2131359	2000	190 x 90	10
2131363	3500	230 x 100	10

Without spout
Boro 3.3 glass
DIN 12337

Sin pico, vidrio boro 3.3

Sans bec, verre boro 3.3



Ref.	Cap. (ml)	Diam. x Height (mm)	Box
4470424	20	40 x 25	10
4470432	40	50 x 30	10
4470434	60	60 x 35	10
4470438	100	70 x 40	10
4470441	150	80 x 45	10
4470444	300	95 x 55	10
4470449	500	115 x 65	10
4470454	900	140 x 75	10
4470459	2000	190 x 90	10
4470463	3500	230 x 100	10
4470472	5000	250 x 120	10

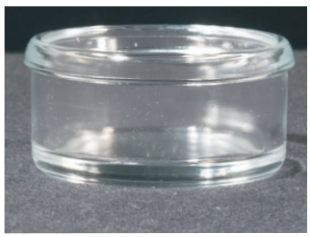
Without spout, soda-lime glass

Sin pico, vidrio corriente

Sans bec, verre sodocalcique



Crystallising dish | Cristalizador | Cristallisoir

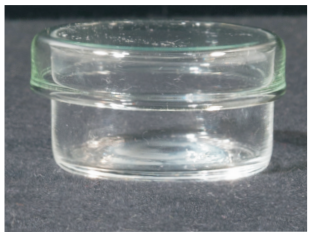


Pressed, soda-lime glass

Con borde grueso, vidrio corriente

Pressé bord cordeline, verre sodocalcique

Ref.	Cap. (ml)	Diam. x Height (mm)	Box
4470640	100	80 x 40	1
4470650	200	100 x 47	1
4470660	450	128 x 59	1
4470670	750	160 x 72	1
4470690	1500	192 x 89	1



With cover, soda-lime glass

Con tapa, vidrio corriente

Avec couvercle, verre sodocalcique

Ref.	Cap. (ml)	Diam. x Height (mm)	Box
4470432A	40	50 x 30	100
4470441A	150	80 x 45	100
4470444A	300	95 x 55	100
4470449A	500	115 x 65	100
4470454A	900	140 x 75	100
4470459A	2000	190 x 90	100
4470472A	5000	250 x 120	100

Kipp dispenser | Pipeta de Kipp | Pipette de Kipp

Boro 3.3 glass | **Vidrio boro 3.3** | **Verre boro 3.3**



IN 29/32 - Automatic, 1 litre bottle
(bottle in soda-lime glass)

Automática, frasco de 1 litro
(frasco en vidrio corriente)

Automatique, flacon 1 litre
(flacon en verre sodocalcique)

Ref.	Cap. (ml)	Box
3030101	1	1
3030102	2	1
3030107	5	1
3030108	10	1
3030111	15	1
3030112	20	1
3030114	25	1
3030117	50	1
3030124	100	1



IN 29/32 - Automatic pipette, ground joint
Available without ground joint

Pipeta automática, cuello esmerilado
Disponible sin esmerilado

Pipette automatique, col rodé
Disponible sans rodage

Ref.	Cap. (ml)	Box
3430201	1	1
3430202	2	1
3430207	5	1
3430208	10	1
3430211	15	1
3430212	20	1
3430214	25	1
3430217	50	1
3430224	100	1

Mortar | Mortero | Mortier



With spout and glass pestle

Con pico y mano de vidrio

Avec bec et pilon en verre

Ref.	Cap. (ml)	Diam. (mm)	Box
4054117	50	60	1
4054124	100	80	1
4054136	250	100	1
4054144	500	120	1
4054154	1000	150	1
4054163	2000	180	1



Glass pestle

Mano de vidrio

Pilon verre

Ref.	Length (mm)	Box	Ref.	Length (mm)	Box
9095008	70	1	9095004	160	1
9095050	80	1	9095072	170	1
9095046	100	1	9095012	180	1
9095011	120	1	9095023	200	1
9095038	140	1	9095009	230	1

Chromatography column | Columna cromatografía | Colonne à chromatographie

Ref.	Internal diam. (mm)	Eff. length (mm)	Box
3437000	10	100	1
3437001	10	200	1
3437009	15	200	1
3437003	15	400	1
3437002	20	200	1
3437004	20	400	1
3437005	20	600	1
3437006	30	400	1
3437007	30	600	1
3437008	40	800	1

Glass stopcock, without sintered glass-disc
Available with **sintered glass-disc: add the required porosity to the reference code (0-4)**

Llave de vidrio, sin placa porosa
Disponible con **placa porosa: añadir la porosidad a la referencia (0-4)**

Robinet verre, sans plaque poreuse
Disponible avec **plaque poreuse: ajouter la porosité à la reference (0-4)**

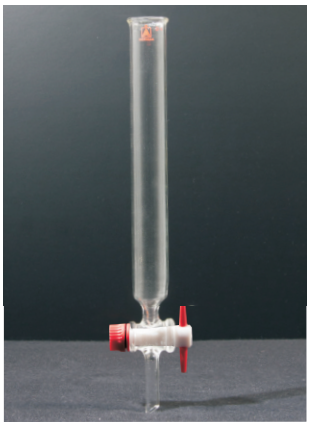


Ref.	Internal diam. (mm)	Eff. length (mm)	Box
3447000	10	100	1
3447001	10	200	1
3447009	15	200	1
3447003	15	400	1
3447002	20	200	1
3447004	20	400	1
3447005	20	600	1
3447006	30	400	1
3447007	30	600	1
3447008	40	800	1

PTFE key, without sintered glass-disc
Available with **sintered glass-disc: add the required porosity to the reference code (0-4)**

Llave de PTFE, sin placa porosa
Disponible con **placa porosa: añadir la porosidad a la referencia (0-4)**

Robinet PTFE, sans plaque poreuse
Disponible avec **plaque poreuse: ajouter la porosité à la reference (0-4)**



Sedimentation cone | Cono de sedimentación | Cône à sedimentation

Ref.	Cap. (ml)	Diam. (mm)	Box
3720000	1000	120	1

Acc. Imhoff
Glass stopcock
DIN 12672

Llave de vidrio

Robinet en verre



Ref.	Cap. (ml)	Diam. (mm)	Box
3710000	1000	120	1

Acc. Imhoff
Closed tip
DIN 12672

Sin llave

Sans robinet



Separating chamber | Cubeta | Cuve



For chromatography, **with or without grooves**

Para cromatografia, **con o sin ranuras**

Pour chromotographie, **avec ou sans rainures**



Ref.	Feature	Box
4431100	1 with grooves - 200 x 200 mm	1
4431201	2 without grooves - 100 x 100 mm	1
4431200	2 without grooves - 200 x 200 mm	1

Evaporating dish | Capsula de evaporación | Capsule à évaporation



Flat bottom, boro 3.3 glass **DIN 12336**

Fondo plano, vidrio boro 3.3

Fond plat, verre boro 3.3

Ref.	Cap. (ml)	Diam. (mm)	Box
2130124	10	40	10
2130132	15	50	10
2130134	45	60	10
2130138	60	70	10
2130141	90	80	10
2130144	170	95	10
2130149	320	115	10
2130154	600	140	10
2130159	1500	190	10
2130163	2500	230	10

Weighing boat | Embudo pesasustancias | Sabot de pesée



Weighing boat

Zapatito

Sabot de pesée

Ref.	Cap. (ml)	Box	Ref.	Cap. (ml)	Box
9065088	3	1	9065174	15	1
9065090	5	1	9065175	20	1
9065185	6	1	9065176	25	1
9065091	10	1	9065186	40	1
			9065187	100	1

Weighing bottles | Pesafiltros | Pèse-filtres

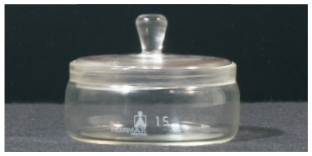


Tall shape

Forma alta

Forme haute

Ref.	Cap. (ml)	Diam. x Height (mm)	Box
3421107	3,5	10 x 80	1
3421113	10	25 x 40	1
3421118	20	30 x 50	1
3421123	42	35 x 70	1
3421124	66	40 x 80	1



Low shape

Forma baja

Forme basse

Ref.	Cap. (ml)	Diam. x Height (mm)	Box
3421023	10	35 x 30	1
3421032	20	50 x 30	1
3421041	60	80 x 30	1

Pycnometer | Picnómetro | Pycnomètre

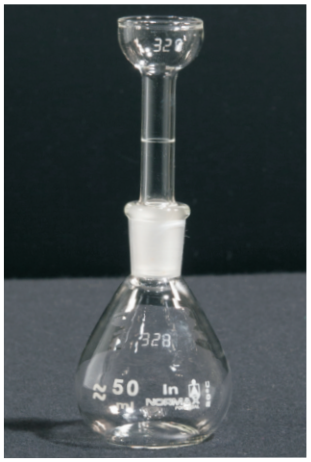
Ref.	Cap. (ml)	Tol. +/- (ml)	Box
3455214	25	2	1
3455217	50	3	1
3455221	100	3	1
3455236	250	-	1
3455244	500	-	1
3455254	1000	-	1

For solids

ISO 3507

Para sólidos

Pour solides



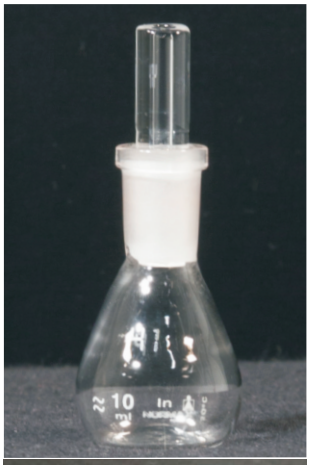
Ref.	Cap. (ml)	Tol. +/- (ml)	Box
3455101	1	0,1	1
3455102	2	0,3	1
3455107	5	0,5	1
3455108	10	1	1
3455114	25	2	1
3455117	50	3	1
3455121	100	3	1

Acc. Gay-Lussac
For liquids

ISO 3507

Para líquidos

Pour liquides



Ref.	Cap. (ml)	Tol. +/- (ml)	Box
3455108N	10	1	2
3455114N	25	2	2
3455117N	50	3	2
3455121N	100	3	2

Acc. Gay-Lussac
For liquids, with teflon stopper
ASTM E438 type I

Para líquidos, con tapón de teflón
ASTM E438 tipo I

Pour liquides, avec bouchon en téflon
ASTM E438 type I



Ref.	Cap. (ml)	Tol. +/- (ml)	Box
3455108T	10	1	1
3455114T	25	2	1
3455117T	50	3	1
3455121T	100	3	1

For liquids
with thermometer

ISO 3507

Para líquidos
con termómetro

Pour liquides
avec thermomètre



Bell jar | Campana | Cloche



With knob

Con botón

À bouton

Ref.	Size (ml)	Box
1502253	150 x 200	1
1502254	150 x 250	1
1502255	200 x 200	1
1502256	200 x 300	1



IN 29/32, with knob
With ground joint

Con botón, con esmerilado

À bouton, avec rodage

Ref.	Size (mm)	Box
1502153	150 x 200	1
1502154	150 x 250	1
1502155	200 x 200	1
1502156	200 x 300	1

Feeding bottle | Biberón | Biberon



Red graduation, customised printing available, cover PP (not included) available in other colours

Graduación roja, disponible impresión personalizada, tapa PP (no incluido) disponible en otros colores

Graduation rouge, disponible impression personnalisée, couvercle PP (non inclus) disponible en plusieurs couleurs

Ref.	Feature	Cap. (ml)	Out diam. x Height (mm)	Box
3642029		150		54
3642036		250		54
1200014	Cover		50 x 64	1

Alcohol lamp | Lamparilla | Lampe à alcool



Bakelite cover, soda-lime glass

Tapón baquelita, vidrio soda

Couverture de bakélite, verre sodocalcique

Ref.	Cap. (ml)	Outside diameter (mm)	Box
4169424	100	70	1

Urine bottle | Orinal | Urinal



For man

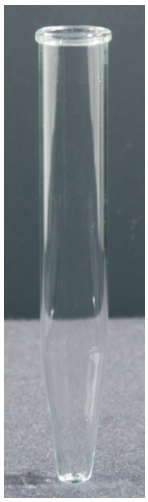
Para caballero

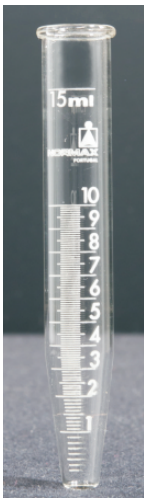
Pour homme

Ref.	Cap. (ml)	Box
4650058	900	10
4650158	750	10
4650158U	750	1


ml 10
9
8
5
4
15

Centrifuge tube | Tubo centrífuga | Tube à centrifuger





Plain, neutral glass, conical bottom

Liso, vidrio neutro, fondo cónico

Pas gradué, verre neutre, fond conique

Ref.	Thickness (mm)	Out. diam. x Height (mm)	Box
3017708	0,90	16 x 110	100
3017711	0,90	17 x 115	100
3017811*	0,90	17 x 115	100

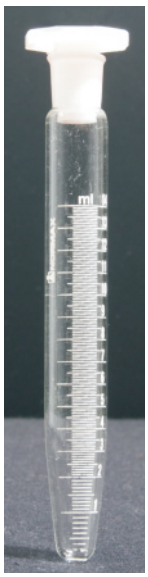
* Soda-lime glass | Vidrio corriente | Verre sodocalcique

Graduated, neutral glass, conical bottom

Graduado, vidrio neutro, fondo cónico

Gradué, verre neutre, fond conique

Ref.	Thickness (mm)	Out. diam. x Height (mm)	Box
3017708G	0,90	16 x 110	100
3036711	0,90	17 x 115	100





IN 12/21, plain, neutral glass, conical bottom
With stopper

Liso, vidrio neutro, fondo cónico, **con tapón**

Pas gradué, verre neutre, fond conique
Avec bouchon

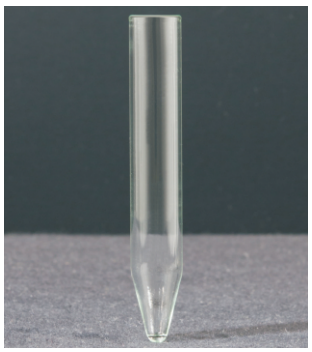
Ref.	Cap. (ml)	Thickness (mm)	Out. diam. x Height (mm)	Box
3036908	10	0,90	16 x 123	50
3036911	15	0,90	17 x 138	50

IN 12/21, graduated, neutral glass, conical bottom, **with stopper**

Graduado, vidrio neutro, fondo cónico
Con tapón

Gradué, verre neutre, fond conique,
Avec bouchon

Ref.	Cap. (ml)	Thickness (mm)	Out. diam. x Height (mm)	Box
3037608	10	0,90	16 x 123	50
3037611	15	0,90	17 x 138	50



Conical bottom 30º, boro 3.3 glass

Fondo cónico 30º, vidrio boro 3.3

Fond conique 30º, verre boro 3.3

Ref.	Cap. (ml)	Thickness (mm)	Out. diam. x Height (mm)	Box
3426311	10	1,55	16 x 100	100
3426311G*	10	1,55	16 x 100	100

* Graduated | Graduado | Gradué



Round bottom, boro 3.3 glass

Fondo redondo, vidrio boro 3.3

Fond rond, verre boro 3.3

Ref.	Cap. (ml)	Thickness (mm)	Out. diam. x Height (mm)	Box
3160110	6	1,3 - 1,5	12 x 100	100
3160111	12	1,6 - 1,8	16 x 100	100
3160114	25	1,6 - 1,8	24 x 100	100
3160117	50	1,8 - 2,0	34 x 100	100
3160124	80	2,0 - 2,3	40 x 115	100
3160126	80	2,0 - 2,3	44 x 100	100
3160136	250	2,2 - 2,5	56 x 147	100

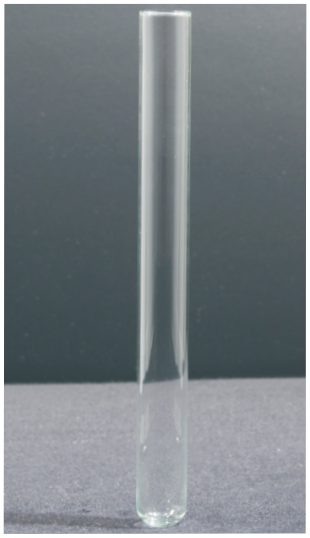
Test tube | Tubo de ensayo | Tube à essai

Ref.	Thickness (mm)	Out. diam. x Height (mm)	Box
5611001	0,60 - 0,80	8 x 70	168
5611003	0,60 - 0,80	10 x 75	100
5611006	0,60 - 0,80	10 x 100	100
5611008	0,80 - 1,00	12 x 75	250
5611011	0,80 - 1,00	12 x 100	100
5611012	0,80 - 1,00	12 x 120	250
5611038	0,80 - 1,00	15 x 150	250
5611037	1,00 - 1,20	16 x 150	100
5611021	1,00 - 1,20	16 x 160	250
5611016	1,00 - 1,20	16 x 100	250
5611023	1,00 - 1,20	18 x 180	100
5611026	1,00 - 1,20	20 x 150	100
5611029	1,00 - 1,20	20 x 200	100
5611034	1,00 - 1,20	22 x 200	80
5611036	1,00 - 1,20	25 x 200	125

Round bottom, rimless
Neutral glass
Available in other type of glass and/or flat bottom

Fondo redondo, sin reborde
Vidrio neutro
Disponible en otro tipo de vidrio y/o fondo plano

Fond rond, bord droit
Verre neutre
Disponible en dans autres types de verre fond plat

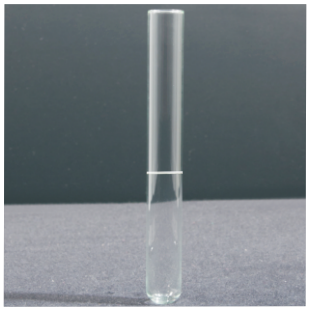


Ref.	Graduated at (ml)	Out. diam. x Height (mm)
5060020	0,4 - 2	12 x 100
5060021	5 - 10	16 x 160
5060022	10	16 x 160
5060023	10	18 x 180
5060024	10 - 20	18 x 180

Round bottom with graduation

Con fundo redondo, marcado

Fond rond, marqué



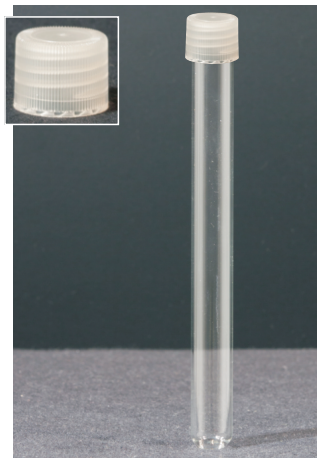
Culture tube | Tubo de cultivo | Tube de culture

Ref.	Thickness (mm)	Out. diam. x Height (mm)	Thread (GL)	Box
36435125	0,80	12 x 100	12	336
36435165	0,90	16 x 100	18	100
36435305	0,90	16 x 150	18	100
36435215	0,90	16 x 160	18	100
36435235	0,95	18 x 180	18	198
36435245	0,95	20 x 150	18	100
36435295	0,95	20 x 200	18	180

Round bottom, natural screw cap
Closed top polypropylene
Autoclavable, neutral glass
Available with black plastic cap and/or flat bottom

Fondo redondo, tapón roscado natural
Tapón polipropileno cerrado
Autoclavable, vidrio neutro
Disponible con tapón roscado negro y/o fondo plano

Fond rond, bouchon à vis naturel
Couvercle en polypropylène fermé
Autoclavable, verre neutre
Disponible avec bouchon plastique noir et/ou fond plat

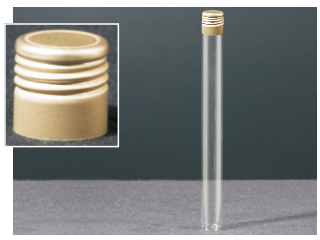


Ref.	Thickness (mm)	Out. diam. x Height (mm)	Thread (GL)	Box
36335215	0,90	16 x 160	16	265
36335235	0,95	18 x 180	16	220

Round bottom, aluminum screw cap
Available with flat bottom

Fondo redondo, tapón roscado aluminio
Disponible con fondo plano

Fond rond, bouchon à vis en aluminium
Disponible avec fond plat



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Nessler tube | Tubo Nessler | Tube Nessler




Without spout, tall form

Sin pico, forma alta

Sans bec, forme haute

Ref.	Cap. (ml)	Grad. at (ml)	Out. diam. x Height (mm)	Box
5617101	50	50	20 x 300	1
5617102	100	100	24 x 375	1
5617103	100	50 - 100	24 x 375	1

With spout, tall form

Con pico, forma alta

Avec bec, forme haute

Ref.	Cap. (ml)	Grad. at (ml)	Out. diam. x Height (mm)	Box
5617301	50	50	20 x 300	1
5617302	100	100	24 x 375	1
5617303	100	50 - 100	24 x 375	1




Without spout, short form

Sin pico, forma baja

Sans bec, forme basse

Ref.	Cap. (ml)	Grad. at (ml)	Out. diam. x Height (mm)	Box
5617001	50	50	25 x 175	1
5617002	100	100	32 x 200	1
5617003	100	50 - 100	32 x 200	1

With spout, short form

Con pico, forma baja

Avec bec, forme basse

Ref.	Cap. (ml)	Grad. at (ml)	Out. diam. x Height (mm)	Box
5617201	50	50	25 x 175	1
5617202	100	100	32 x 200	1
5617203	100	50 - 100	32 x 200	1




With stopper, tall form

Con tapón, forma alta

Avec bouchon, forme haute

Ref.	Cap. (ml)	Grad. at (ml)	IN	Box
5627301	50	50	19/26	1

With stopper, short form

Con tapón, forma baja

Avec bouchon, forme basse

Ref.	Cap. (ml)	Grad. at (ml)	IN	Box
5627101	50	50	24/29	1
5627104	50	25 - 50	24/29	1
5627103	100	50 - 100	24/29	1

Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

Karsten tube | Tubo Karsten | Tube Karsten

Ref.	Feature
9065180	for horizontal surfaces
9065120	for vertical surfaces

Graduated
Boro 3.3 glass

Graduado
Vidrio boro 3.3

Graduée
Verre boro 3.3



Durham tube | Tubo Durham | Tube Durham

Ref.	Out. diam. x Height (mm)	Box
5611204	6 x 20	100
5611205	6 x 30	100
5611206	6 x 40	100
5611201	6 x 50	100
5611207	7 x 30	100
5611202	7 x 35	100
5611208	7 x 40	100
5611209	8 x 30	100
5611203	10 x 45	100

Without bevel edge, soda-lime glass

Sin bisel, vidrio corriente

Sans biseau, verre sodocalcique

Ref.	Out. diam. x Height (mm)	Box
5612001	6 x 50	100
5612002	7 x 35	100
5612003	10 x 45	100

With bevel edge, soda-lime glass

Con bisel, vidrio corriente

Avec biseau, verre sodocalcique



Tube with rim | Tubo de borde prensado | Tube de bord renforcé

Ref.	Out. diam. x Height (mm)
5436150	36 x 135
5436330	36 x 330
9065142*	40 x 298
9065070	42 x 298
9060002	42 x 300
9065181	50 x 400
9065182	54 x 400
5445000	54 x 450
5446000	54 x 460

* rim with 48mm

Ref.	Out. diam. x Height (mm)
5450000	54 x 500
5452000	54 x 520
5455000	54 x 550
5460000	54 x 600
5473000	54 x 730
5474000	54 x 740
5475000	54 x 750
9065183	54 x 800
5490000	54 x 900
5401050	54 x 1050

Round bottom

Fondo redondo

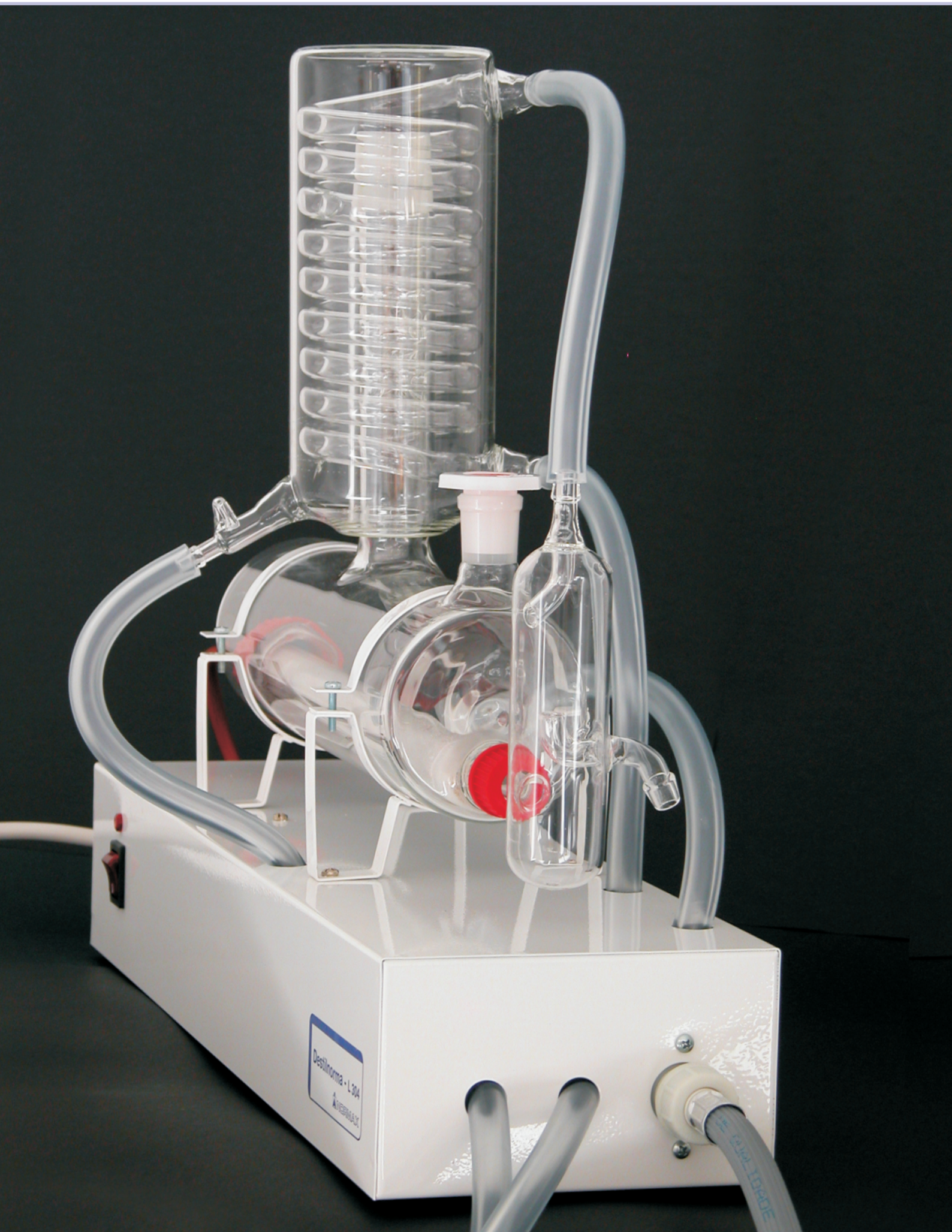
Fond rond



Contact us for other sizes and specifications

Contáctenos para otros tamaños y especificaciones

Contactez-nous pour d'autres tailles et spécifications

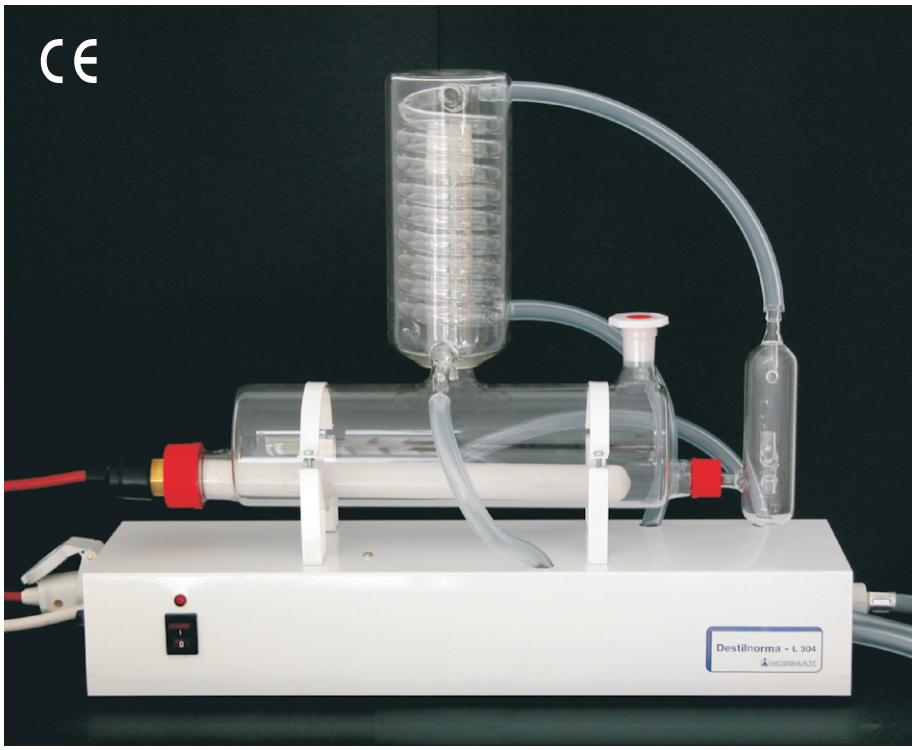

Destilnorma - L 304

DestilNorma

Model L304
Distillate output 4 litre/hour
Automatic control system
Quartz heater
Boro glass components
Easy maintenance
EU directive compliant

Modelo L304
Capacidad de destilado 4 litros / hora
Sistema de control automático
Resistencia en Cuarzo
Componentes de vidrio boro
Fácil mantenimiento
De acuerdo a la Directiva UE

Modèle L304
Capacité d'eau distilée 4 litres / heure
Système de contrôle automatique
Résistance en Quartz
Components verre boro
Facile de maintenir
Conformément à la directive UE





Ref.	Description	Descripción	Description
520	complete	completo	complet

	General data	Características generales	Caractéristiques générales
600 x 175 x 460 mm	W. x L. x H.	ancho x largo x altura	larg. x long. x hauteur
7,9 kg	approximate weight	peso aproximado	poids approximatif

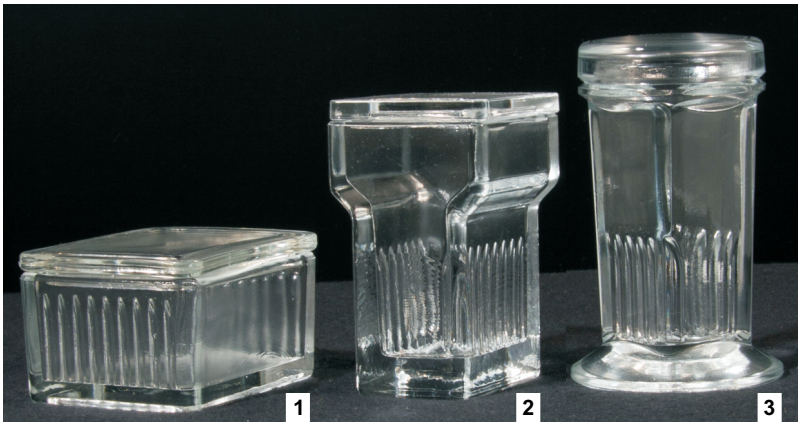
	Distilled water quality	Calidad del agua destilado	Qualité de l'eau distillée
5,50 - 6,60	pH	pH	pH
1 - 5 µS/cm	conductivity	conductividad	conductivité
Yes | Si | Oui	pyrogen free	libre de bacterias	apyrogène
25º C - 30º C	temperature	temperatura	température

	Required conditions	Condiciones requeridas	Conditions requises
2,6 kW	power	potencia	puissance
200/240V ~ 56 - 60Hz 16A	electrical data	energía	voltage
1,5 kg/cm2	water pressure	presión de agua	pression de l'eau
1 L/min.	cold water	agua fría	eau froide

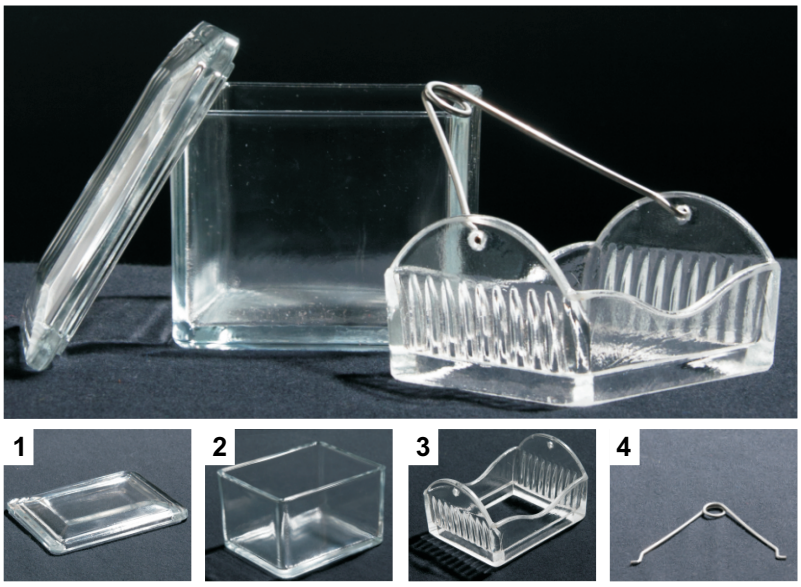


Staining jar | Cubeta para tinción | Cuve à coloration

Ref.	Type | Tipo | Type	For slides	Box
4430700	1 Schiefferdecker	10	1
4431000	2 Hellendahl	8	1
4430800	3 Coplin	5	1



Ref.	Features | Características | Caractéristiques	For slides	Box
4430900	complete | completa | complète	10	1
4430901	1 cover | tapa | couvercle		1
4430902	2 dish | base | fond		1
4430903	1 2 cover and dish | tapa y base couvercle et fond		1
4430907	3 glass tray | cestillo | support	10	1
4430905	4 metal handle | gancho de alambre | tringle en acier		1
4430904	3 4 glass tray, metal handle cestillo con gancho de alambre support avec tringle en acier	10	1



Staining trough | Cubeta | Cuve

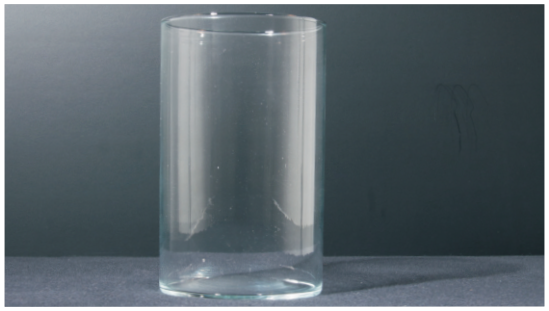
Ref.	Size (mm)	Box
4431102*	Ø 110 x 210	1
9095022	Ø 125 x 210	1

* With cover | Con tapa | Avec couvercle

Cylindrical

Cilíndrica

Cylindrique



Ref.	Size (mm)	Box
9095034	100 x 40 x 50	1
4430600	140 x 70 x 45	1
4430601	200 x 100 x 50	1

Rectangular

Rectangular

À faces parallèles

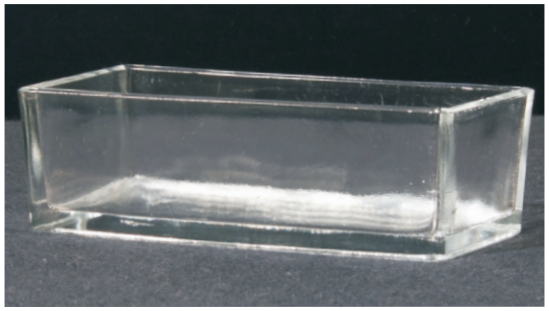
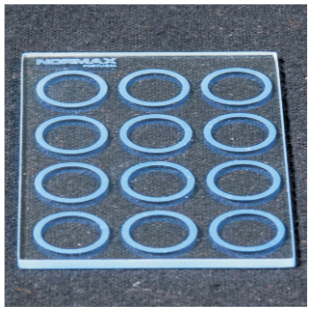


Plate | Placa | Plaque



12 blue printing rings Ø13-14 mm

12 anillos impresos en azul Ø13-14 mm

12 anneaux imprimées en bleu Ø13-14 mm

Ref.	Length x width (mm)	Box
9075005	76 x 52	10



6 divisions, red printing

6 divisiones, impresión roja

6 divisions, impression rouge

Ref.	Length x width (mm)	Box
9075001	77 x 54	1



8 cavities, approx. Ø16 mm

8 cavidades, aprox. Ø16 mm

8 cavités, env. Ø16 mm

Ref.	Length x width (mm)	Box
4420511	110 x 70	1



12 cavities
Approx. Ø16 mm x 1,5 mm depth

12 cavidades
Aprox. Ø16 mm x 1,5 mm fondo

12 cavités
Env. Ø16 mm x 1,5 mm profondeur

Ref.	Length x width (mm)	Box
4420207	80 x 60	1

Microflocculation plate | Placa microfloculación | Plaque de microfloculation



12 cavities, overflow grooves
Approx. Ø15 mm x 1,5 mm depth

12 cavidades, con rañuras
Aprox. Ø15 mm x 1,5 mm fondo

12 cavités, rainures débordement
Env. Ø15 mm x 1,5 mm profondeur

Ref.	Length x width (mm)	Box
9095075	88 x 56	10


NORMAX
PORTUGAL
NORMAX
PORTUGAL
1000 ml

Gas wash bottle | Frasco lavador de gases | Flacon laveur de gaz





Without porous plate
With standard ground joint
Other sizes and shapes on request

IN 29/32

Sin placa porosa, con esmerilado
Otros tamaños y formas a pedido

Sans plaque poreuse
Avec rodage normalisé
D'autres tailles et formes sous demande

Ref.	Cap. (ml)	Box
3480900	100	1
3481000	250	1
3481100	500	1
3678000	head	1





With porous plate
With standard ground joint
Other sizes and shapes on request

IN 29/32

Con placa porosa, con esmerilado
Otros tamaños y formas a pedido

Avec plaque poreuse
Avec rodage normalisé
D'autres tailles et formes sous demande

Ref.	Cap. (ml)	Porosity	Box
357010X	100	1 - 4	1
357020X	250	1 - 4	1
357030X	500	1 - 4	1
3678000X	head	1 - 4	1

Replace “X“ by the required porosity | Sustituir "X" por la porosidad deseada | Remplacez «X» par la porosité souhaité

Filter pump | Trompa de vacío | Trompe à eau



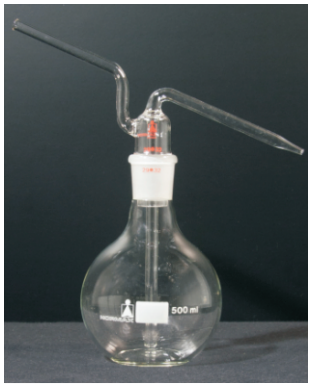
Water flow: 300 L/h,
MIN water/pressure: 1,2

Consumo de agua: 300 L/h
Presión (ATM): 1,2 min

Consommation d'eau: 300 L/h
Pression (ATM): 1,2 min

Ref.	Feature | Característica Caractéristique	Length (mm)	Box
3436299	with non-return valve con válvula retención avec valvule de retour	275	2
3436199	without non-return valve sin válvula retención sans valvule de retour	275	2

Gas wash flask | Matraz lavador de gases | Ballon laveur de gaz



Standard ground neck, boro 3.3 glass

Cuello esmerilado, vidrio boro 3.3

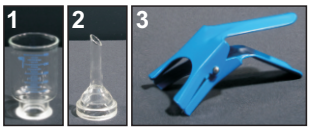
Rodages normalisés, verre boro 3.3

Ref.	Cap. (ml)	IN	Box
47501	500	29/32	1
47502	1000	29/32	1
47503	2000	29/32	1

Filtration set | Equipo filtración | Système de filtration

Ref.	Photo	Feature | Característica | Caractéristique	Box
9060001	1 +2 +3	beaker graduated + funnel, porous plate G3 + clamp vaso graduado + embudo, placa porosa G3 + pinza bécher gradué + entonnoir, plaque poreuse G3 + pince	1

300 ml



Ref.	Photo	Feature | Característica | Caractéristique	Box
9060027	1	(300 ml) beaker graduated | vaso graduado | bécher gradué	1
9060028	2	funnel, porous plate G3 | embudo, placa porosa G3 | entonnoir, plaque poreuse G3	1
6507003	3	clamp | pinza | pince	1

Components

Components

Composants



Ref.	Photo	Feature | Característica | Caractéristique	Box
9060001	4	photo 1 + 2 + 3	1
CD02161		rubber stopper with hole | tapones de goma con agujero | bouchouns en caoutchouc avec trou	
2120154N		1000 ml - kitasato flask | matraz de kitasato | fiole kitasato	
S5910100		membrane vacuum pump Mv-50 | bomba de vacío Mv-50 | Pompe à vide Mv-50	

Complete

Completo

Complet

Look for lab equipment in our general catalogue

Busque en los equipos de laboratorio en nuestro catálogo general

Cherchez l'équipement de laboratoire dans notre catalogue général

Kitasato flask | Matraz de Kitasato | Fiole Kitasato

Ref.	Cap. (ml)	Box
2120124N	100	10
2120136N	250	10
2120144N	500	10
2120154N	1000	10
2120163N	2000	10

With hose connection for vacuum use
Boro 3.3 glass

Con tubuladura para vacío
Vidrio boro 3.3

Avec tubulure pour vide
Verre boro 3.3

Available with Retrace code



Kitasato bottle | Frasco Kitasato | Flacon Kitasato

Ref.	Cap. (ml)	Out. diam. x Height (mm)	Box
2119168	3000	170 x 295	1
2119173	5000	185 x 360	1
2119186	10000	240 X 420	1
2119188	15000	255 x 500	1
2119191	20000	290 x 535	1

With hose connection for vacuum use
Boro 3.3 glass

ISO 6556

Con tubuladura para vacío
Vidrio boro 3.3

Avec tubulure pour vide
Verre boro 3.3



Filter crucible | Crisol filtrante | Creuset filtrant





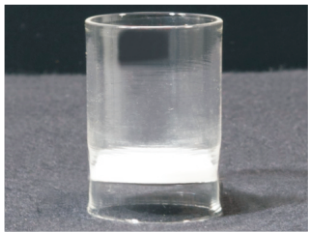
Available in other sizes and specifications

Disponible en otros tamaños y especificaciones

Disponible avec autres tailles et spécifications

Ref.	Cap. (ml)	Porosity	Identif. (D)	Plate diam. (mm)	Box
258510X	8	0 - 5	63	20	10
258511X	15	0 - 5	10	23	10
258512X	30	0 - 5	1	30	10
258513X	50	0 - 5	2	40	10

Replace “X“ by the required porosity | Sustituir "X" por la porosidad deseada | Remplacez «X» par la porosité souhaité





Available with other sizes and specifications

Disponible con otros tamaños y especificaciones

Disponible avec autres tailles et spécifications

Ref.	Cap. (ml)	Porosity	Plate diam. (mm)	Box
9065115	30	2	30	1

Rubber sleeve | Junta de goma | Manchon en caoutchouc



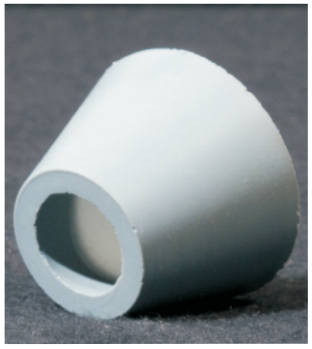
For filter crucible

Para crisol filtrante

Pour creuset filtrant

Ref.	Out. diam. (mm)	Diam. adapter (mm)	Box
2920114	26	27	1
2920126	41	41	1

Guko | Guko | Joint guko



Rubber

Goma

Caoutchouc

Ref.	Bottom out. diam. (mm)	Top out. diam. (mm)	Box
2920212	12	22	10
2920217	16	29	10
2920223	22	36	10
2920227	29	44	10
2920232	33	53	10
2920236	43	63	10
2920239	52	73	10
2920243	61	84	10

Guko set (8) | Juego guko de goma (8)
Série de 8 joints guko caoutchouc

Ref.	Bottom out. diam. (mm)	Top out. diam. (mm)	Box
2920200	12 - 61	22 - 84	1

Funnel | Embudo | Entonnoir



Dropping, open top socket

De carga, con tubo obturador

De charge, avec tube d'obturation

Ref.	Cap. (ml)	Male joint	Female joint
43900	50	19/26	10/19

Funnel | Embudo | Entonnoir

Short stem
Available with porous plate and for powder

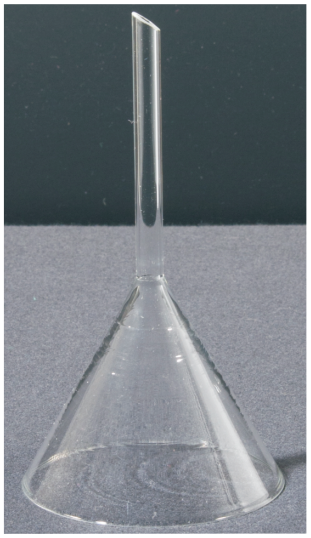
ISO 4798

De rama corta
Disponible con placa porosa y para polvo

Tige courte
Disponible avec plaque poreuse et pour poudres

Ref.	Top out. diam. (mm)	Glass
3135120*	30	borosilicate 3.3
3135123	35	borosilicate 3.3
3135125A*	40	borosilicate 3.3
3135128	45	borosilicate 3.3
3135130A*	50	borosilicate 3.3
3135133A	55	borosilicate 3.3
3135137A*	60	borosilicate 3.3
3135138A	70	borosilicate 3.3
3135140A*	75	borosilicate 3.3
3135141A	80	borosilicate 3.3
3135143*	85	borosilicate 3.3
3135146A	100	borosilicate 3.3
3135147*	110	borosilicate 3.3
3135148*	120	borosilicate 3.3
3135157	150	borosilicate 3.3
3135159*	180	soda-lime
3135161	200	soda-lime
3135166	250	soda-lime
3135169*	300	soda-lime

* non ISO | no estándar | pas ISO



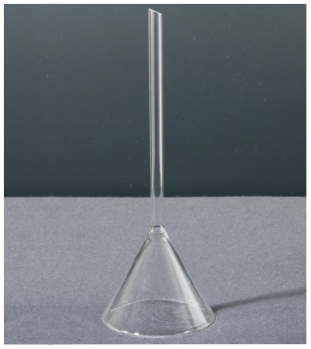
Long stem

ISO 4798

De rama larga

Tige longue

Ref.	Top out. diam. (mm)	Glass
3135328	45	borosilicate 3.3
3135330	50	borosilicate 3.3
3135333	55	borosilicate 3.3
3135338	70	borosilicate 3.3
3135341	80	borosilicate 3.3
3135346	100	borosilicate 3.3



Standard ground joint

Esmerilado

Avec rodage

Ref.	Diam. (mm)	IN
3135120J	30	7/16
3135125J	40	10/19
3135130J	50	12/21
3135138J	70	14/23
3135146J	100	19/26
3135170J	100	24/29
3135171J	100	29/32



Filtration, with porous plate

Filtración, con placa porosa

Filtration, avec plaque poreuse

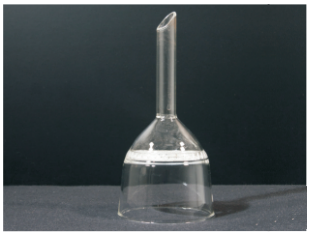
Ref.	Cap. (ml)	Porosity	Identif. (D)	Plate diam. (mm)
358520X	50	1 - 4	3	35
358521X	75	1 - 4	11	45
358522X	125	1 - 4	17	60
358523X	500	1 - 4	25	95
358524X	1000	1 - 4	26	120
358526X	4000	1 - 4	151	175

Replace “X” by the required porosity | Sustituir “X” por la porosidad deseada | Remplacez “X” par la porosité souhaitée



Büchner

Ref.	Cap. (ml)	Plate diam. (mm)	Stem out. diam. (mm)
2134122	70	48	10
2134128	125	60	10
2134134	220	73	18
2134144	500	95	22
2134154	1000	120	22




NORMAX
PORTUGAL
250 ml
CAP. APROX.
200
150
100
50
RETRACE CODE
140020

Laboratory bottle | Frasco de laboratorio | Flacon de laboratoire

Ref.	Cap. (ml)	GL	Box
21801145	25	25	10
21801175	50	32	10
21801245	100	45	10
21801365	250	45	10
21801445	500	45	10
21801545	1000	45	10
21801635	2000	45	10
21801735	5000	45	6
21801865	10000	45	1

Blue screw cap,
autoclavable up to 140ºC
Clear glass, boro 3.3 glass

ISO 4796

Tapón de rosca azul,
esterilizable hasta 140ºC
Vidrio blanco, vidrio boro 3.3

Bouchon à vis bleu,
autoclavable jusqu`à 140ºC
Verre transparent, verre boro 3.3



Ref.	Cap. (ml)	GL	Box
21802145	25	25	10
21802175	50	32	10
21802245	100	45	10
21802365	250	45	10
21802445	500	45	10
21802545	1000	45	10
21802635	2000	45	10
21802735	5000	45	6
21802865	10000	45	1

Red screw cap,
autoclavable up to 180ºC
Clear glass, boro 3.3 glass

ISO 4796

Tapón de rosca rojo,
esterilizable hasta 180ºC
Vidrio blanco, vidrio boro 3.3

Bouchon à vis rouge,
autoclavable jusqu`à 180ºC
Verre transparent, verre boro 3.3



Ref.	Cap. (ml)	GL	Box
21804145	25	25	10
21804175	50	32	10
21804245	100	45	10
21804365	250	45	10
21804445	500	45	10
21804545	1000	45	10
21804635	2000	45	10
21804735	5000	45	6
21804865	10000	45	1
21804915	20000	45	1

Blue screw cap,
autoclavable up to 140ºC
Amber glass, boro 3.3 glass

ISO 4796

Tapón de rosca azul,
esterilizable hasta 140ºC
Vidrio ámbar, vidrio boro 3.3

Bouchon à vis bleu,
autoclavable jusqu`à 140ºC
Verre ambre, verre boro 3.3





Retrace code
Código de rastreo
Code de traçabilité

BOD bottle | Frasco DBO | Flacon DBO



For incubating diluted samples of clean water, waste water, effluent water and polluted water during the 5 day biochemical oxygen demand (BOD) test.

This test is used to determine the relative oxygen requeriments of the tested sample.

Para la incubación de muestras de agua limpia, agua residual, agua efluente y contaminada durante el teste de 5 días de demanda biológica de oxigeno (DBO).

Este método pretende medir las necesidades relativas del oxigeno en la muestra en prueba.

Pour l'incubation des échantillons d'eau propre, eaux superficielles, eaux usées et contaminées pendant l'essai des 5 jours pour la détermination de la demande biochimique en oxygène (DBO).

Cette méthode vise mesurer les besoins relatifs d'oxygène dans l'échantillon testé.

Interchangeable stopper, boro 3.3 glass

Tapón intercambiable, vidrio boro 3.3

Bouchon interchangeable, verre boro 3.3

Ref.	Cap. (ml)	Box
9060067	300	1



Interchangeable stopper, boro 3.3 glass

Tapón intercambiable, vidrio boro 3.3

Bouchon interchangeable, verre boro 3.3

Ref.	Cap. (ml)	GL	Box
9060066	165	24/29	1
9060049	292	24/29	1

Winkler bottle | Frasco de Winkler | Flacon de Winkler

Ref.	Cap. (ml)	Photo	Box
4471024	100	1	1
4471036	250	1	1
4471039	300	2	1

Clear glass, soda-lime glass

Vidrio blanco, vidrio corriente

Verre transparent, verre sodocalcique

Calibrated



Ref.	Cap. (ml)	Box
4471136	250	1

Amber glass, soda-lime glass

Vidrio ámbar, vidrio corriente

Verre ambre, verre sodocalcique

Calibrated



Reagent bottle | Frasco reactivo | Flacon à réactifs

Ref.	Cap. (ml)	IN	Box
4116517	50	12/21	1
4116524	100	14/23	1
4116536	250	19/26	1
4116544	500	24/29	1
4116554	1000	29/32	1

With stopper, narrow neck
Clear glass, soda-lime glass

Con tapón, boca estrecha
Vidrio blanco, vidrio corriente

Avec bouchon, col étroit
Verre transparent, verre sodocalcique



Ref.	Cap. (ml)	IN	Box
4116817	50	12/21	1
4116824	100	14/23	1
4116836	250	19/26	1
4116844	500	24/29	1
4116854	1000	29/32	1

With stopper, narrow neck,
Amber glass, soda-lime glass

Con tapón, boca estrecha
Vidrio ámbar, vidrio corriente

Avec bouchon, col étroit
Verre ambre, verre sodocalcique



Ref.	Cap. (ml)	IN	Box
4118517	50	19/26	1
4118524	100	24/29	1
4118536	250	34/35	1
4118544	500	45/40	1
4118554	1000	45/40	1

With stopper, wide neck
Clear glass, soda-lime glass

Con tapón, boca ancha
Vidrio blanco, vidrio corriente

Avec bouchon, col large
Verre transparent, verre sodocalcique



Ref.	Cap. (ml)	IN	Box
4118817	50	19/26	1
4118824	100	24/29	1
4118836	250	34/35	1
4118844	500	45/40	1
4118854	1000	45/40	1

With stopper, wide neck
Amber glass, soda-lime glass

Con tapón, boca ancha
Vidrio ámbar, vidrio corriente

Avec bouchon, col large
Verre ambre, verre sodocalcique




RUTHE®
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For laboratory use | Para uso en laboratorio | Pour laboratoires

Can be sterilised by steam
Single packed
Neutral glass
Piston with amber ring mark

Esterilizable a vapor
Embalaje individual
Vidrio neutro
Anillo ámbar en el pistón

Stérilisable à la vapeur
Emballage individuel
Verre neutre
Piston avec anneau ambre

(1) Luer glass	(2) Luer lock	Cap. (ml)	Box
6000000L	6030000L	1	144
6000001L	6030001L	2	28
6000002L	6030002L	3	50
6000003L	6030003L	5	60
6000004L	6030004L	10	30
6000005L	6030005L	20	24
6000008	6030008	30	1
6000006	6030006	50	1
6000007	6030007	100	1



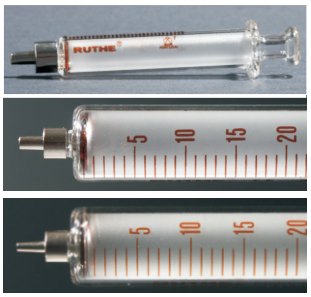




(3) Luer metal slip	(4) Metal record (10%)	Cap. (ml)	Box
6040000L	-	1	144
6040001L	-	2	28
6040002L	-	3	50
6040003L	-	5	60
6040004L	-	10	30
6040005L	-	20	24
6040008	6050008	30	1
6040006	6050006	50	1
6040007	6050007	100	1









Gas Syringe | Jeringa para gas | Séringue à gaz

Ref.	Cap. (ml)
29217	50
6080007	100

Without stopcock (1)

Sin llave (1)

Sans robinet (1)

Ref.	Cap. (ml)
29006	50
29007	100

With stopcock (2)

Con llave (2)

Avec robinet (2)

Ref.	Cap. (ml)
29301	100

With GL 14 (3)

Con GL 14 (3)

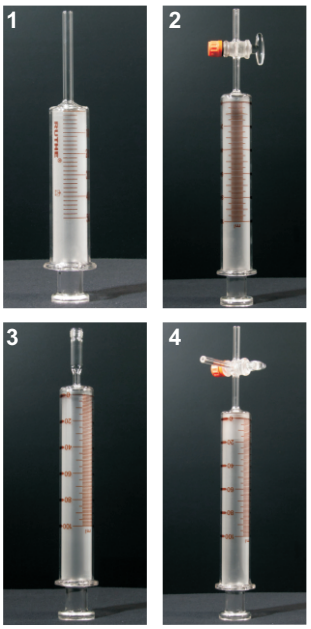
Avec GL 14 (3)

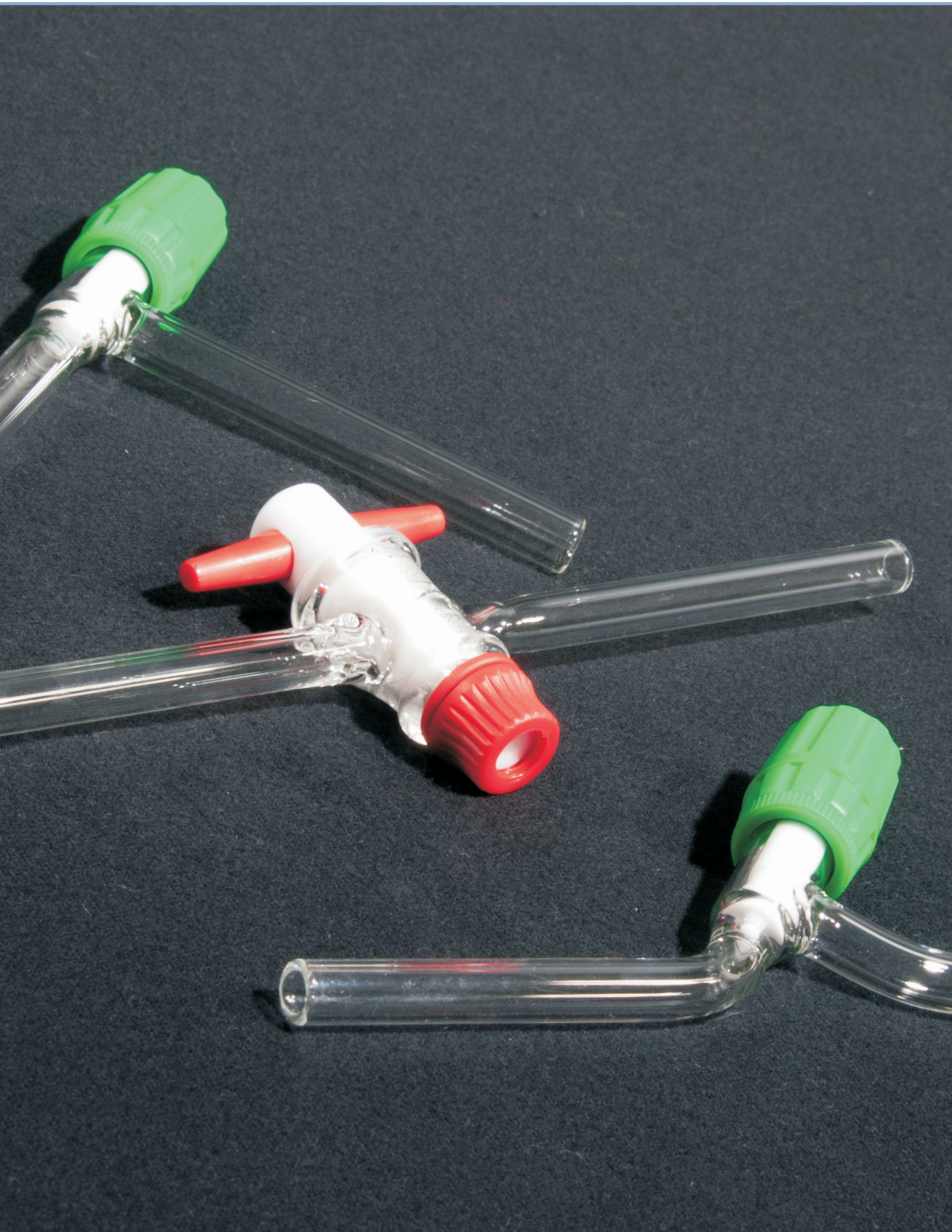
Ref.	Cap. (ml)
29302	100

With 3 way stopcock (4)

Con llave de 3 vias (4)

Avec robinet de 3 voies (4)

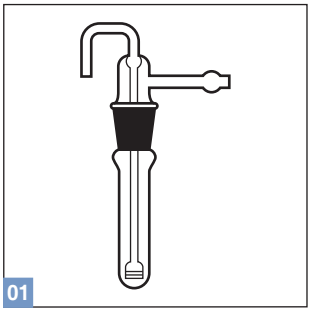




Detection of Trichinella by digestion apparatus
Equipo digestor para detección de Triquina
Appareil de digestion pour détection de Trichinella

Ref.	Composition | Composición | Composition
NX10000-01205	Digital magnetic stirrer with heating Normax Agitador magnético digital con calefacción Normax Agitateur magnétique digital avec chauffage Normax
CD03649	Separating funnel conical shape 2000 ml with PTFE key Embudo forma conica 2000 ml con llave PTFE Entonnoir de forme conique 2000 ml avec clé en PTFE
CD03819	Separating funnel cylindrical shape grad., PTFE key 50 ml Embudo forma cilindrica graduado, llave PTFE 50 ml Entonnoir cylindrique gradué, clé en PTFE 50 ml
S6022610	Retort stand, 160x250 mm, Rod stainless steel 600x10 mm Soporte, pie plato 160x250 mm, varilla inox. Varilla de acero inoxidable 600x10 mm Support, plan plat 160x250 mm, tige en acier inoxydable de 600x10 mm
S7005010	Open ring bosshead support galvanised steel 100 mm Aro con nuez abierto 100 mm acero zincado Bague avec écrou ouvert 100 mm en acier zingué
S7000141	Swivel clamp with double PVC lined jaws. For Ø from 12 to 45 mm Pinza con nuez, giratoria, en metal cromado y puntas plastificadas en PVC. Para Ø desde 12 hasta 45 mm Pince à écrou, pivotante, en métal chromé et embouts plastifié en PVC. Pour Ø de 12 à 45 mm
719764	Cylindrical stirring bar 8x40 mm Varilla agitadora cilindrica 8x40 mm Barre d'agitation cylindrique 8x40 mm
CD00255	Stirring glass rod 6x250 mm Varilla de vidrio 6x250 mm Baguette de verre 6x250 mm
FV100180052	Sieves Stainless steel 100x52 mm, 180 µm Tamiz malla inox 100x52 mm, 180 µm Ecran en acier inoxydable 100x52 mm, 180 µm
2110668N	Beaker low form boro 3.3 glass, 3000 ml Vaso forma baja vidrio boro 3.3, 3000 ml Forme de verre low boro glass 3.3, 3000 ml
5149614	Measuring cylinder blue printing class A Normax 25 ml Probeta, graduación azul, clase A Normax 25 ml Tube à essai, graduation bleue, classe A Normax 25 ml
5454334	Graduated pipette, total delivery, blue printing, zero at the top, class A, Normax, divis. 0,1 ml, cap. 25 ml Pipeta graduada, terminal cero arriba, impresión azul, clase A, Normax, divis. 0,1 ml, cap. 25 ml Pipette graduée, écoulement total, zéro en haut, impression bleue, classe A, Normax, divis. 0,1 ml, cap. 25 ml
7W-120	Pipette pump up to 25 ml red Aspirador pipetas 25 ml, rojo Aspirateur à pipette 25 ml, rouge
7200208	Contact plate Rodac aseptic Placa contacto rodac no esteril Plaque de contact du rouleau non stérile
8AC07672500	Hydrochloric Acid, Solution 25%, Reagent Grade, 2,5 Lt Ácido clorhidrico, 25%, para análisis, 2,5 L Acide chlorhydrique, 25%, pour analyse, 2,5 L
8PE01251000	Pepsin NF 1: 10,000 1000g Pepsina NF 1:10.000 1000g Pepsin NF 1: 10 000 1000g



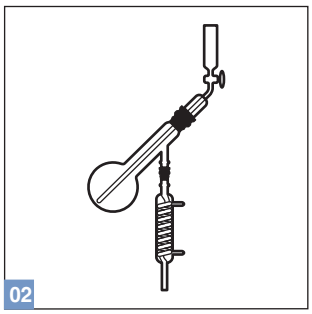


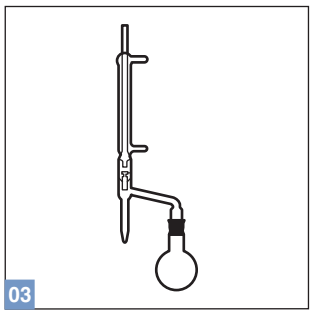
01

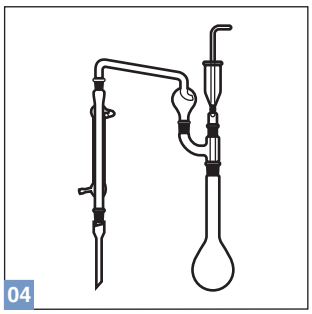
Apparatus | Equipo | Appareil

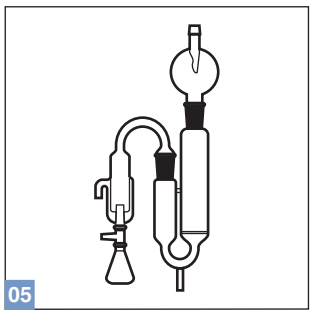
01 **ASTM E 721** - for filter oil stick | filtración de aceite | pour filtration d'huile

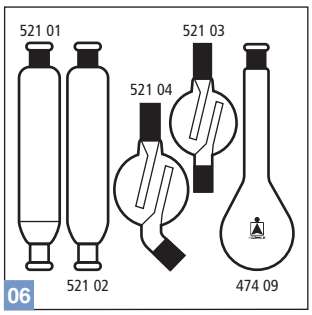
Ref.	IN	Feature | Característica | Caractéristique
535		complete | completo | complet
53501	24/29 (cone | macho | mâle)	head, porous plate | cabeza, placa porosa | tête, plaque poreuse
53500	24/29 (socket | hembra | femelle)	tube | tubo | tube


02

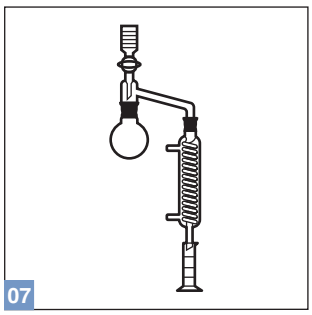

03


04


05



06


07

Apparatus | Equipo | Appareil

02 **Ledebur** - arsenic determination | determinación de arsénico détermination de l'arsenic

Ref.	Cap. (ml)	Dimens. (mm)	IN	Feature | Característica | Caractéristique
531				complete | completo | complet
53101	500		29/32 19/26	round bottom flask | matraz de fondo redondo ballon à fond rond
53100			29/32	receiver tube with stopcock | tubo receptor con llave de paso | tube récepteur avec robinet
48200		200	19/26	coil condenser | condensador de bobina condenseur de bobine

03 **Dean Stark**

Ref.	Cap. (ml)	Dimens. (mm)	IN	Feature | Característica | Caractéristique
530				complete | completo | complet
46816	500		24/29	round bottom flask | matraz de fondo redondo ballon à fond rond
47308		200	24/29	Liebig - condenser | condensador | condenseur
64302	10-25		24/29	receiver tube | tubo receptor | tube récepteur

04 **Kjeldahl for distillation | para destilación | pour distillation**

Ref.	Cap. (ml)	Dimens. (mm)	IN	Feature | Característica | Caractéristique
517				complete | completo | complet
40204			19/26 24/29	multiple adapter | adaptador múltiple adaptateur multiple
41302			19/26	straight delivery adapter | adaptador de destilación | adaptateur de distillation
42801			19/26 19/26	splash head | ampolla largo de degradación longue ampoule de déclassement
47405	500		24/29	Kjeldahl - flask | matraz | ballon
43900	50			dropping funnel with open top socket | embudo de goteo con toma superior abierta | entonnoir à robinet ouvert avec douille supérieure
48603		200	19/26	Liebig - condenser | condensador | condenseur

05 **ASTM E 1266 -** combustion and absorption | para determinación de azufre en el petróleo | détermination du soufre dans le pétrole

Ref.	Feature | Característica | Caractéristique
534	complete | completo | complet
63500	absorver | absorbedores | absorbeurs
63600	IN 24/29, trap | ampollas de retención | ampoules de rétention
63800	25 ml, IN 14/10, Erlenmeyer - flask | matraz | ballon
63400	IN 14/23 - 24/29, chimney | chimenea | cheminée
63700	25 ml, IN 14/23, burner | quemadores | brûleurs

06 nitrogen determination, spare part | determinación de nitrógeno, componentes | dosage de l'azote, composants

Ref.	Cap. (ml)	IN	Feature | Característica | Caractéristique
52101		19/26	cylindrical ampoule with sintered glass-disc | ampolla cilíndrica con placa porosa | ampoule cylindrique avec plaque poreuse
52102		19/26	cylindrical ampoule without sintered glass-disc | ampolla cilíndrica sin placa porosa | ampoule cylindrique sans plaque poreuse
52104		19/26	45º spherical ampoule | ampolla esférica 45º | 45º ampoule sphérique
52103		19/26	straight spherical ampoule | ampolla esférica direita | ampoule sphérique droite
47409	500	19/26	Kjeldahl - flask | matraz | fiole

07 for wine volatile acidity determination | para determinación de la acidez volátil en viños | pour détermination d'acidité volatile dans les vins

Ref.	Cap. (ml)	IN	Feature | Característica | Caractéristique
533			complete | completo | complet
46806	50	14/23	flask round bottom | matraz fondo redondo | ballon fond rond
53301	24		acidimeter measuring cylinder | acidimeter probeta | acidimeter éprouvette
48202	100	14/23	condenser | condensador | condenseur
53300	24	14/23	receiver tube | tubo receptor | tube récepteur

Apparatus | Equipo | Appareil

08 distilling for wine alcohol degree determination | determinación de la acidez volátil en viños | détermination d'acidité volatile dans les vins

Ref.	Cap. (ml)	Dimen. (mm)	IN	Feature | Característica | Caractéristique
532				complete | completo | complet
9065170		250	29/32	receiver bends | adaptateur coude | doble code
46820	1000		29/32	round bottom flask | matraz fondo redondo | ballon fond rond
3168732	200			volumetric flask | matraz aforado | fiole jaugée
9065096		200	29/32	coil condenser | refrigerante | réfrigérant

09 **Soxhlet** - extractor | extractor | extracteur

Ref.	Extractor (ml)	IN (socket)	IN (cone)	Ref.	Extractor (ml)	IN (socket)	IN (cone)
47210	20	29/32	29/32	47208	150	45/40	29/32
47201	30	29/32	29/32	47209	200	45/40	29/32
47202	50	34/35	29/32	47204	250	45/40	29/32
47211	60	34/35	29/32	47205	500	55/50	29/32
47212	100	45/40	29/32	47206	1000	70/50	29/32
47203	125	45/40	29/32	47207	2000	70/50	29/32

10 **Soxhlet** - flat bottom flask and Allihn condenser | matraz de fondo plano y Allihn condensador | ballon à fond plat et réfrigérant Allihn

Ref.	Flask (ml)	Extractor (ml)	IN (flask | matraz | ballon)	IN (condenser | refrigerante | réfrigérant)
52801	100	20	29/32	29/32
52810	100	30	29/32	29/32
52802	100	50	29/32	34/35
52812	100	60	29/32	45/40
52809	250	100	29/32	45/40
52803	250	125	29/32	45/40
52804	250	150	29/32	45/40
52811	500	200	29/32	45/40
52805	500	250	29/32	55/50
52806	1000	500	29/32	55/50
52807	2000	1000	29/32	70/50
52808	2000	2000	29/32	70/50

11 **Engler, E 133**

Ref.	Cap. (ml)	Length x height (mm)	Ø internal neck (mm)	Ø external flask (mm)	Ø external hose (mm)
61001	100	100 x 215	16	65	6
61002	125	100 x 215	17	68	7
61003	200	127 x 179	21	73	7
61004	250	100 x 215	15	86	6

12 **Erlenmeyer -** flask ground joint | matraz con esmerilado | fiole rodé

Ref.	Cap. (ml)	IN	ASTM
63800	25	14/10	D 1266

Absorber | Absorbedor | Absorbant

13 ASTM E - 1266

Ref.	IN (socket | hembra | femelle)
63500	24/29

Adapter | Adaptador | Raccord

14 2 necks | 2 cuellos | 2 branches

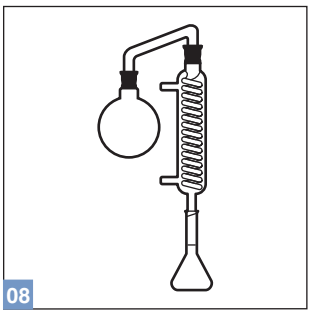
Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40301	19/26	19/26
40302	24/29	19/26

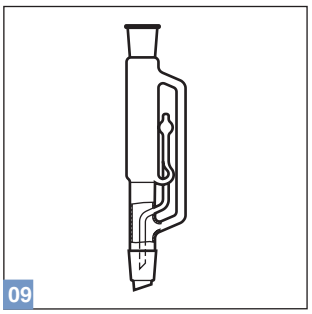
15 2 parallel necks | 2 cuellos paralelos | 2 branches parallèles

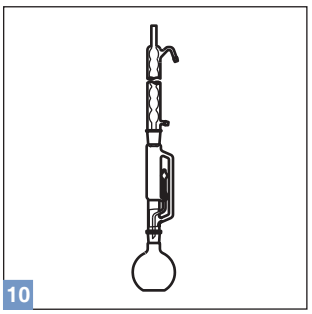
Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)	Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40201	10/19	10/19	40205	34/35	19/26
40202	14/23	14/23	40206	24/29	24/29
40203	19/26	19/26	40207	29/32	29/32
40204	24/29	19/26			

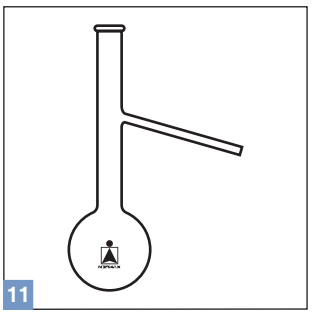
16 3 necks | 3 cuellos | 3 branches

Ref.	IN (socket| hembra | femelle)	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40401	19/26	14/23	24/29
40402	19/26	19/26	24/29
40403	19/26	19/26	29/32
40404	19/26	19/26	34/35

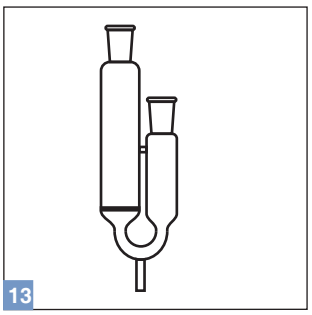


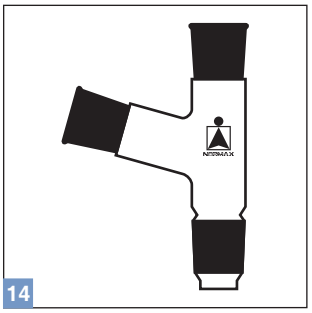


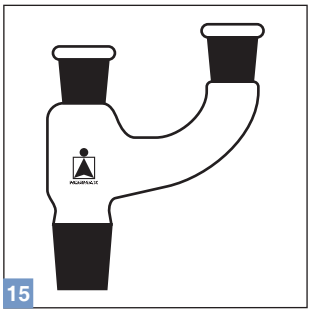


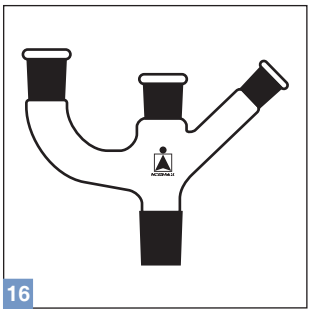


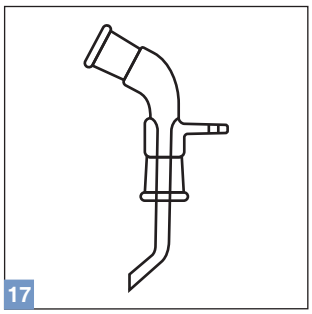


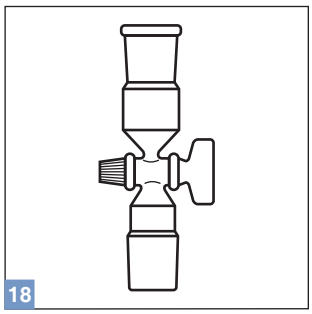


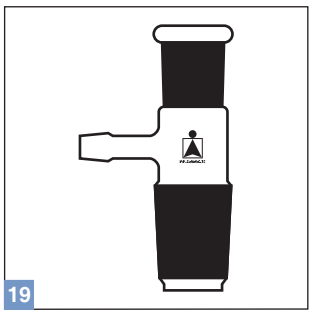


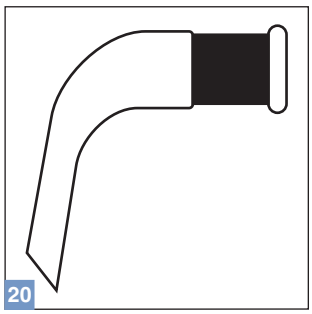


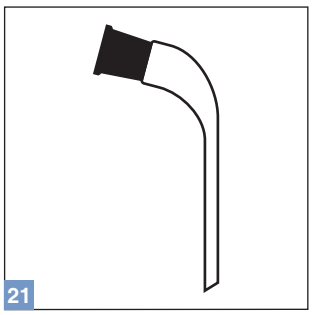


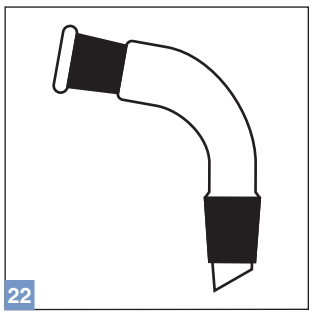

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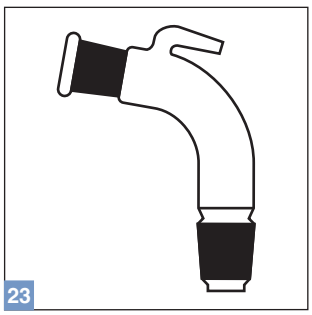

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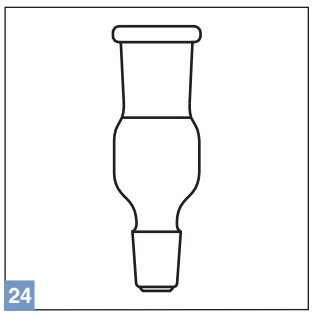

19


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Adapter | Adaptador | Raccord

17 Bent at 105º | Doblado en 105º | Coudé à 105º

Ref.	IN (upper size | superior | supérieur)	IN (lower size | inferior | inférieur)
52119	19/26	24/29
52120	29/32	29/32

18 With stopcock | Con llave de paso | Avec robinet

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
52105	14/23	14/23
52106	19/26	24/29
52107	24/29	24/29

19 Connection “T” | Conexión en “T” | Connection forme “T”

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40501	14/23	14/23
40502	14/23	19/26
40503	14/23	24/29
40504	19/26	19/26
40505	19/26	24/29
40506	19/26	29/32
40507	19/26	34/35
40508	24/29	24/29
40509	29/32	29/32

20 Receiver adapter bent, short | Colector destilación acodado, corto | Allonge coudée simple, courte

Ref.	Length (mm)	IN (socket | hembra | femelle)
41101	65	14/23
41102	65	19/26
41103	65	24/29
41104	65	29/32

21 Receiver adapter bent, long | Colector destilación acodado, largo | Allonge coudée simple, longue

Ref.	Length (mm)	IN (socket | hembra | femelle)
41201	120	10/19
41202	190	14/23
41203	200	19/26
41204	200	24/29
41205	200	29/32

22 Bent | Acodado | Coudée

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
41401	14/23	14/23
41402	19/26	19/26
41403	24/29	19/26
41404	24/29	24/29
41405	34/35	34/35

23 Bent with hose | Acodado con tubo | Coudée avec tube

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
41501	10/19	10/19
41502	14/23	14/23
41503	19/26	19/26
41504	19/26	24/29
41505	24/29	24/29
41506	29/32	29/32

24 Expansion | Ampliación | Expansion

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40101	14/23	10/19
40102	19/26	14/23
40103	24/29	14/23
40104	24/29	19/26
40105	29/32	14/23
40106	29/32	19/26
40107	29/32	24/29
40108	34/35	19/26
40109	34/35	24/29
40110	34/35	29/32
40111	40/38	29/32

Adapter | Adaptador | Raccord

25 Straight delivery | Adaptador destilación | Allonge à distiller droite

Ref.	Length (mm)	IN (socket | hembra | femelle)
41307	80	19/26
41301	180	14/23
41302	180	19/26
41303	180	24/29
41304	180	29/32
41305	180	34/35
41306	300	45/40

26 Straight with 4 flasks | Recto con 4 matraces | Droit avec 4 ballons

Ref.	Length (mm)	IN (upper size | superior | supérieur)	IN (lower size | inferior | inférieur)
52113	50	14/23	19/26
52114	100	19/26	24/29
52115	100	29/32	29/32
52116	250	29/32	29/32

27 Oblique with 4 flasks | Oblicuo con 4 matraces | Oblique avec 4 ballons

Ref.	Length (mm)	IN (side size | lateral | latérale)	IN (vertical)
52109	50	14/23	19/26
52110	50	19/26	19/26
52111	100	19/26	24/29
52112	100	29/32	29/32

28 Receiver adapter bent, with vacuum connection | Colector destilación acodado, al vacío | Allonge coudée simple, avec raccord au vide

Ref.	Length (mm)	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
41601	110	14/23	14/23
41602	130	19/26	19/26
41603	140	19/26	24/29
41604	140	24/29	24/29
41605	155	29/32	29/32

29 Vacuum connection 2 females and 2 males | Conexión de vacio 2 hembras y 2 machos | Connection à vide 2 femelles et 2 mâles

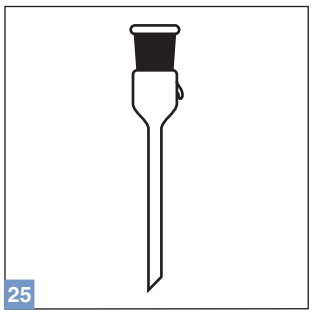
Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)	IN (cone | macho | mâle)
42501	14/23	14/23	14/23
42502	19/26	19/26	14/23
42503	24/29	19/26	14/23
42504	24/29	24/29	14/23
42505	29/32	29/32	14/23
42506	34/35	19/26	14/23

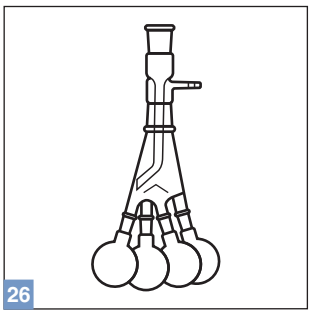
30 155 mm - Vacuum connection with ground and screwthreaded | Conexión de vacío con esmerilado y rosca | À vide, rodé vissé

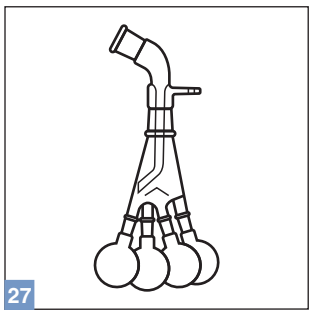
Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
9165005	29/32	29/32

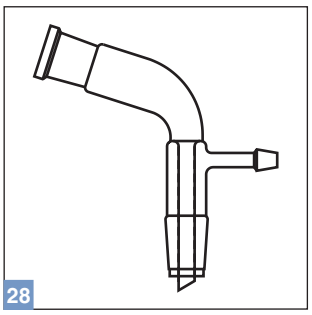
31 Reduction | Redución | Reduction

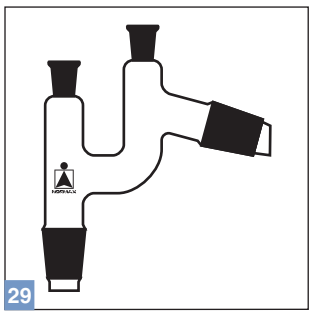
Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
40001	10/19	14/23
40002	14/23	19/26
40003	14/23	24/29
40004	14/23	29/32
40005	19/26	24/29
40006	19/26	29/32
40007	19/26	34/35
40008	19/26	40/38
40009	19/26	45/40
40010	19/26	55/44
40011	24/29	29/32
40012	24/29	34/35
40013	24/29	40/38
40014	24/29	45/40
40015	24/29	50/42
40016	24/29	55/44
40017	29/32	34/35
40018	29/32	45/40
40019	34/35	40/38
40020	34/35	45/40
40021	34/35	50/42
40022	34/35	55/44

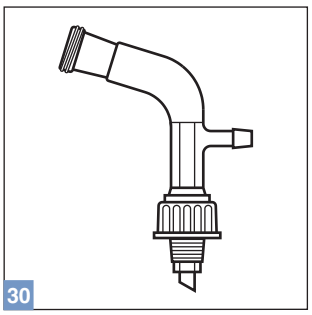


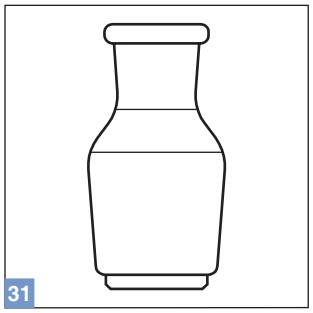


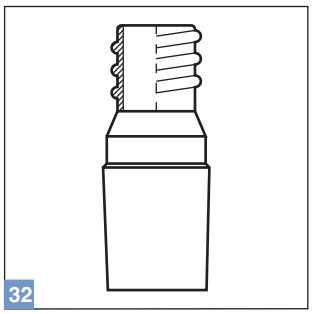


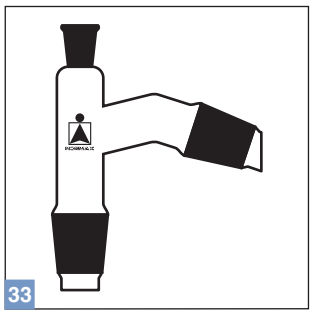




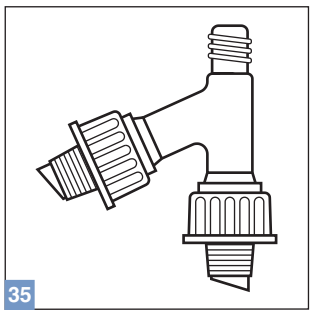


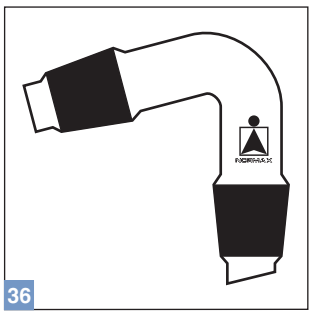


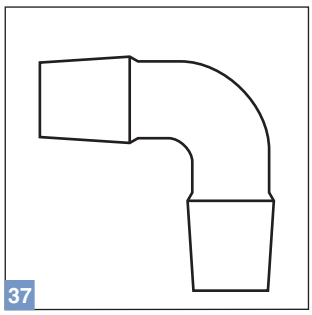


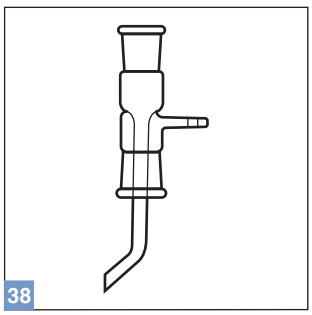


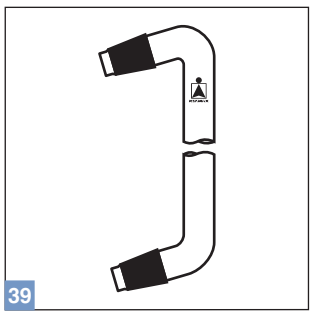












Adapter | Adaptador | Raccord

32 Thermometer | Termometro | Pour thermométre

Ref.	GL	IN (socket | hembra | femelle)
45501	14	14/23
45502	14	19/26
45505	18	19/26
45506	18	29/32

33 Thermometer | Termometro | Pour thermométre

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)	IN (cone | macho | mâle)
42401	10/13	10/13	10/19
42402	14/23	14/23	14/23
42403	19/26	19/26	14/23
42404	19/26	19/26	19/26
42405	24/29	19/26	14/23
42406	24/29	24/29	14/23
42407	29/32	19/26	14/23
42408	29/32	29/32	14/23
42409	34/35	19/26	14/23
42410	34/35	24/29	14/23
42411	34/35	34/35	14/23

34 Cone with screwthread | Termometro con rosca | Pour thermométre à vis

Ref.	GL	IN (side size | lateral | latérale)	IN (central)
44201	14	14/23	14/23
44202	14	14/23	19/26
44203	14	14/23	24/29
44204	14	19/26	29/32

35 Thermometer adapter ground and screw thread | Termometro con esmerilado roscado | Tête de colonne rodé vissé

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)	IN (cone | macho | mâle)
9165004	19/26	19/26	19/26

36 75º - Recovery bends | Unión | Union

Ref.	IN
42701	14/23 - 14/23
42702	19/26 - 19/26
42703	24/29 - 14/23
42704	24/29 - 19/26
42705	24/29 - 24/29
42706	29/32 - 19/26
42707	29/32 - 29/32
42708	34/35 - 19/26
42709	34/35 - 24/29

37 90º - Recovery bends | Unión | Union

Ref.	IN
42710	14/23 - 14/23
42711	19/26 - 19/26
42712	24/29 - 14/23
42713	24/29 - 19/26
42714	24/29 - 24/29
42715	29/32 - 19/26
42716	29/32 - 29/32
42717	34/35 - 19/26
42718	34/35 - 24/29

38 Straight connector | Recto | Droit

Ref.	IN (upper size | superior | supérieur)	IN (lower size | inferior | inférieur)
52125	14/23	19/26
52126	19/26	24/29
52127	29/32	29/32

39 Recovery bend, vertical | Doble acodados | Coudé, vertical

Ref.	IN
42601	14/23 - 14/23
42602	19/26 - 19/26
42603	24/29 - 19/26
42604	24/29 - 24/29
42605	45/40 - 45/40
42606	29/32 - 29/32

Adapter | Adaptador | Raccord

40 Cone | Esmerilado | Rodé

Ref.	IN	Out. diam. olive (mm)
41002	24/29	9
41003	29/32	9

41 **90º** - Right angled connection | Esmerilado | Coudé rodage

Ref.	IN	Out. diam. olive (mm)
40901	10/19	9
40902	14/23	9
40903	19/26	9
40904	24/29	9
40905	29/32	9
40906	34/35	9

42 Cone, straight connection | Esmerilado | Raccord droite

Ref.	IN	Out. diam. olive (mm)
40801	14/23	9
40802	19/26	9
40803	24/29	9

43 With stopcock right angle | Con llave ang. recto | Robinet angle 90º

Ref.	IN	Out. diam. olive (mm)
41801	14/23	9
41802	19/26	9
41803	24/29	9
41804	29/32	9

44 Multiple | Multiplo | Multiple

Ref.	IN
42719	14/23
42720	29/32

45 Multiple with 3 necks | Multiplo con 3 cuellos | Multiple avec 3 cols

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
42101	14/23	14/23
42102	19/26	29/32
42103	29/32	29/32

46 Multiple connections | Esmerilados multiplos | Joints rodés multiples

Ref.	Length (mm)	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
42001	65	10/19	10/19
42002	110	14/23	14/23
42003	110	19/26	14/23
42004	115	29/32	14/23

47 Vertical receiver, vacuum connection | Vertical, conexión de vacío Vertical, raccord au vide

Ref.	Length (mm)	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
41700	140	24/29	24/29
41701	125	14/23	14/23

48 Multi-limb deliver | Esmerilados multiplos | Joints multiples

Ref.	IN (socket | hembra | femelle)	IN (cone | macho | mâle)
42100	19/26	14/23

Trap | Ampola | Ampoule

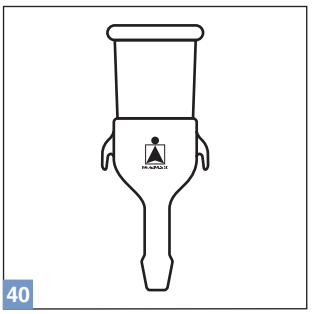
49 **ASTM E 1266** - With ground | Retención | Retention

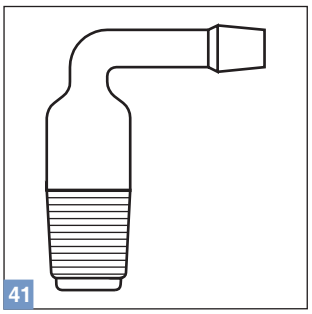
Ref.	Diam. (mm)	IN
63600	65	24/29

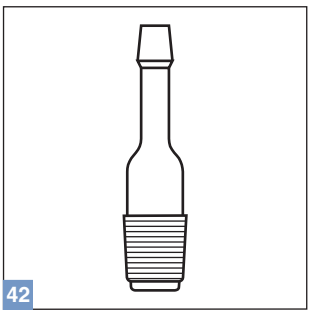
Splash head | Ampola | Ampoule

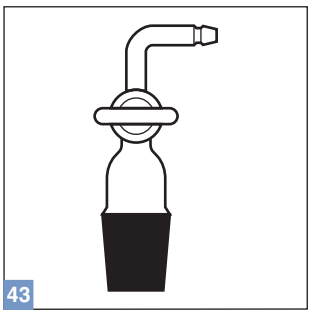
50 2 vertical ground cone | Haste longa, 2 esm. | Tige longue, 2 rodages

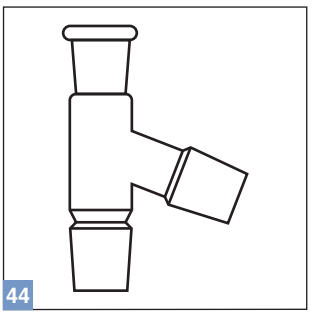
Ref.	IN (vertical)	IN (side size | lateral | latérale)
42801	19/26	19/26
42802	24/29	19/26
42803	24/29	24/29
42804	14/23	14/23
42805	29/32	29/32

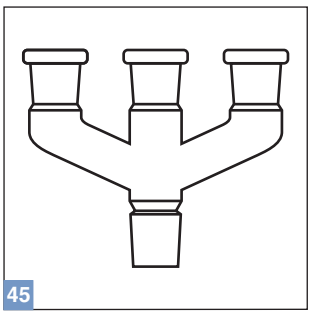


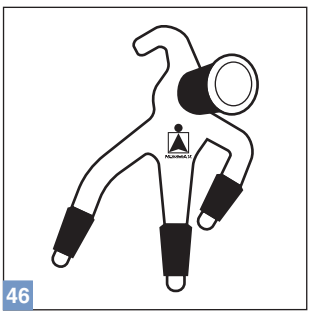


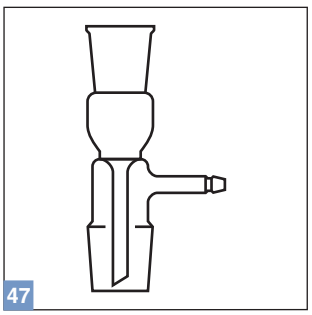


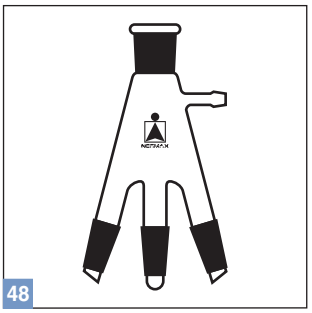


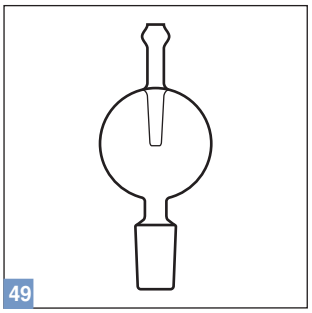


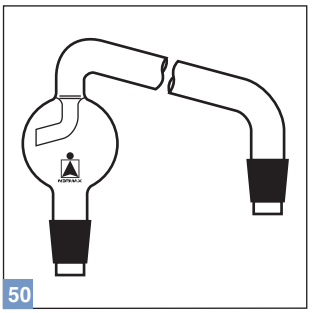


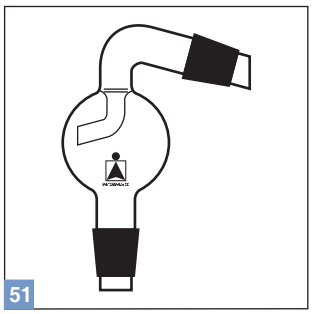


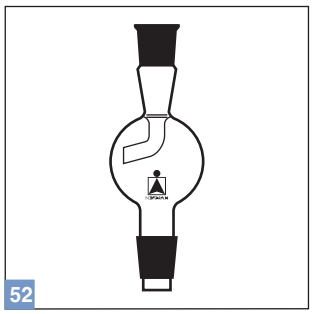


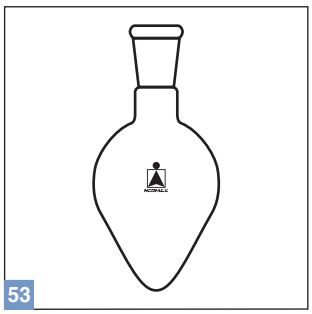


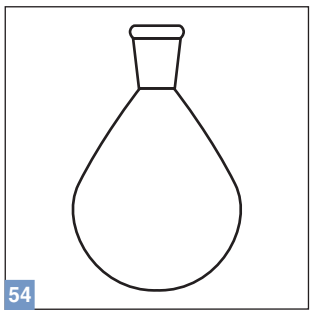


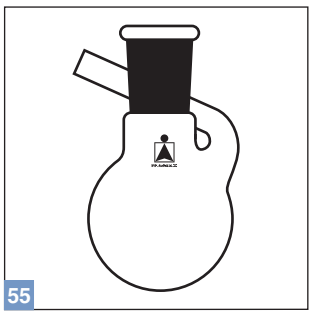


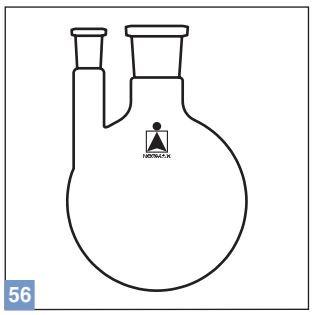


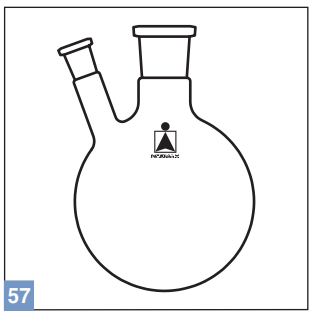












Splash head | Ampola | Ampoule

51 Sloping type | Tipo Sloping | Type Sloping

Ref.	IN (vertical)	IN (side size | lateral | latérale)
42907	14/23	14/23
42901	19/26	19/26
42902	24/29	19/26
42903	24/29	24/29
42904	29/32	29/32
42905	34/35	19/26
42906	34/35	34/35

52 Stutzer type | Tipo Stutzer | Type Stutzer

Ref.	IN (vertical)	IN (side size | lateral | latérale)
43101	14/23	14/23
43100	19/26	24/29
43102	29/32	29/32

Flask | Matraz | Ballon

53 conical shaped | forma cónica | forme conique

Ref.	Cap. (ml)	IN
46600	50	14/23
46601	100	14/23
46602	250	19/26
46603	500	19/26
46604	1000	29/32

54 pear shaped | forma pera | forme poire

Ref.	Cap. (ml)	IN
46501	100	29/32
46502	250	29/32
46503	500	29/32
46504	1000	29/32

55 round bottom, hose connection | fondo redondo, tubuladura lateral | fond rond, tubulure lateral

Ref.	Cap. (ml)	IN
45900	25	14/23

56 round bottom with 2 parallel necks | fondo redondo, con 2 bocas paralelas | fond rond, bicol (parallèle)

Ref.	Cap. (ml)	IN (central)	IN (side size | lateral | latérale)
46301	100	29/32	14/23
46302	100	29/32	19/26
46303	250	29/32	14/23
46304	250	29/32	19/26
46305	250	29/32	29/32
46306	500	29/32	14/23
46307	500	29/32	19/26
46308	500	29/32	29/32
46309	1000	29/32	14/23
46310	1000	29/32	19/26
46311	1000	29/32	29/32
46312	2000	29/32	14/23
46313	2000	29/32	19/26
46314	2000	29/32	29/32
46315	4000	29/32	29/32

57 round bottom with 2 angled necks | fondo redondo, con 2 bocas inclinadas | fond rond, bicol

Ref.	Cap. (ml)	IN (central)	IN (side size | lateral | latérale)
46401	100	29/32	14/23
46402	100	29/32	19/26
46403	250	29/32	14/23
46404	250	29/32	19/26
46405	250	29/32	29/32
46406	500	29/32	14/23
46407	500	29/32	19/26
46408	500	29/32	29/32
46409	1000	29/32	14/23
46410	1000	29/32	19/26
46411	1000	29/32	29/32
46412	2000	29/32	14/23
46413	2000	29/32	19/26
46414	2000	29/32	29/32
46415	4000	29/32	29/32

Flask | Matraz | Ballon

58 round bottom with 2 angled necks | fondo redondo, con 2 bocas inclinadas | fond rond, bicol

Ref.	Cap. (ml)	IN (central)	IN (side size | lateral | latérale)
46401	100	29/32	14/23
46402	100	29/32	19/26
46403	250	29/32	14/23
46404	250	29/32	19/26
46405	250	29/32	29/32
46406	500	29/32	14/23
46407	500	29/32	19/26
46408	500	29/32	29/32
46409	1000	29/32	14/23
46410	1000	29/32	19/26
46411	1000	29/32	29/32
46412	2000	29/32	14/23
46413	2000	29/32	19/26
46414	2000	29/32	29/32
46415	4000	29/32	29/32

59 round bottom with 3 angled necks | fondo redondo, con 3 bocas inclinadas | fond rond, tricol

Ref.	Cap. (ml)	IN (central)	IN (side size | lateral | latérale)
46101	100	19/26	14/23
46102	100	24/29	14/23
46103	100	24/29	19/26
46104	250	19/26	19/26
46105	250	24/29	14/23
46106	250	24/29	19/26
46107	250	29/32	14/23
46108	500	24/29	14/23
46109	500	24/29	19/26
46110	500	29/32	14/23
46111	1000	24/29	14/23
46112	1000	24/29	19/26
46113	1000	34/35	19/26
46115	2000	34/35	19/26

60 round bottom with 3 parallel necks | fondo redondo, con 3 bocas paralelas | fond rond, tricol (parallèle)

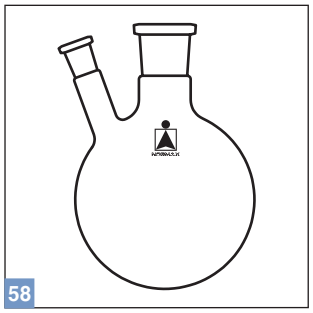
Ref.	Cap. (ml)	IN (central)	IN (side size | lateral | latérale)
46201	250	24/29	19/26
46202	250	29/32	14/23
46203	500	24/29	19/26
46204	500	29/32	14/23
46205	500	29/32	19/26
46206	1000	24/29	19/26
46207	1000	29/32	14/23
46208	1000	29/32	19/26
46209	1000	34/35	19/26
46210	1000	34/35	24/29
46211	2000	24/29	19/26
46212	2000	29/32	14/23
46213	2000	29/32	19/26
46214	2000	34/35	19/26
46215	2000	34/35	24/29

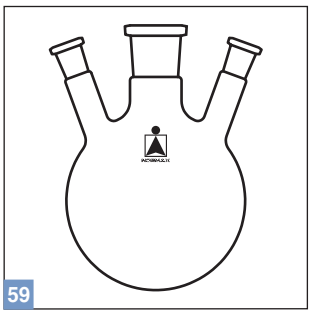
Burette tube | Caña para bureta | Tube pour burette

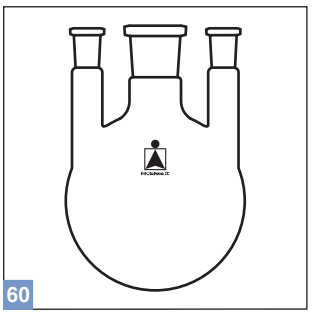
with Schellbach stripe add 1 to the reference code | con franja Schellbach añadir 1 a la referencia | avec bande Schellbach ajouter 1 au code de référence

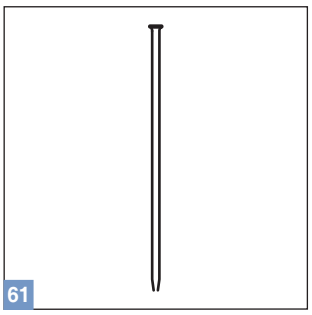
61 class AS, boro glass | clase AS, vidrio boro | classe AS, verre boro

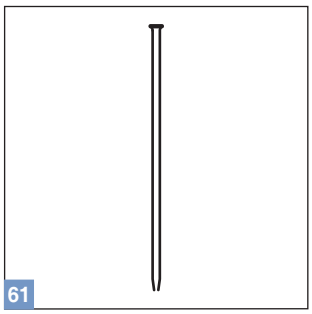
Ref.	Cap. (ml)	Grad. (ml)
27337	1	0,01
27330	2	0,01
27331	5	0,02
27332	10	0,02
27333	10	0,05
27334	25	0,05
27335	25	0,10
27336	50	0,10
27339	100	0,20

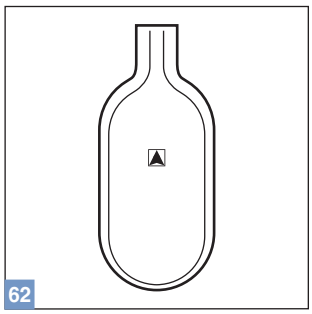

58

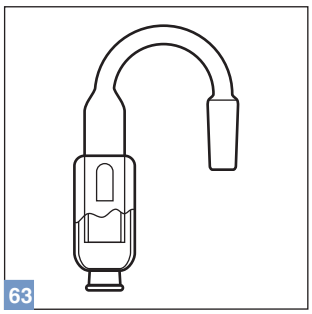

59

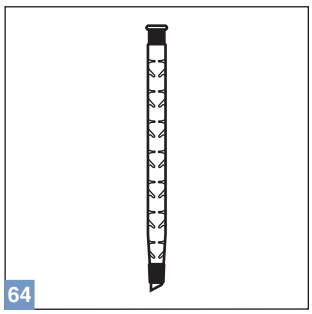

60

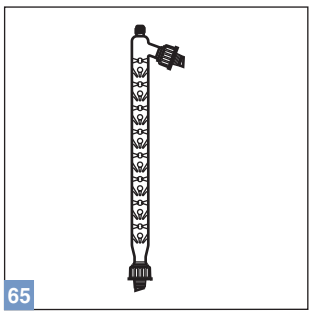

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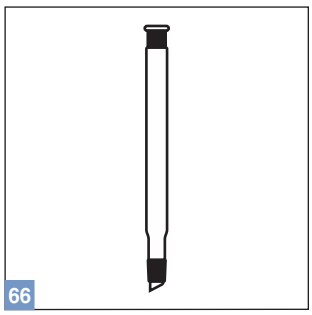

61


62


63


64


65


66

Burette tube | Caña para bureta | Tube pour burette

with Schellbach stripe add 1 to the reference code | con franja Schellbach añadir 1 a la referencia | avec bande Schellbach ajouter 1 au code de référence

61 class AS, boro glass, no brand | clase AS, vidrio boro, sin marca | classe AS, verre boro, sans marque

Ref.	Cap. (ml)	Grad. (ml)
27747	1	0,01
27740	2	0,01
27741	5	0,02
27742	10	0,02
27743	10	0,05
27744	25	0,05
27745	25	0,10
27746	50	0,10
27749	100	0,20

61 class B, boro glass | clase B, vidrio boro | classe B, verre boro

Ref.	Cap. (ml)	Grad. (ml)
27437	1	0,01
27430	2	0,01
27431	5	0,02
27432	10	0,02
27433	10	0,05
27434	25	0,05
27435	25	0,10
27436	50	0,10
27439	100	0,20

Bulb | Ampolla | Ampoule

62 **ASTM E 524**

Ref.	Diam. (mm)	Height (mm)
62500	24 - 25	56 - 58

Chimney | Chimenea | Cheminée

63 **ASTM E 1266**

Ref.	IN (socket | hembra | femelle)	IN (socket | hembra | femelle)
63400	14/23	24/29

Column | Columna | Colonne

64 **Vigreux**

Ref.	IN	Length (mm)
49201	24/29	360
49202	24/29	600
49203	29/32	360
49204	14/23	200
49205	14/23	300
49206	24/29	300
49207	24/29	400
49208	29/32	400
49210	29/32	600
49211	24/29	800
49212	29/32	800

65 **Vigreux -** ground and screwthreaded joint | con rosca y esmerilado | émeri et á vis

Ref.	Length (mm)
9165002	200

66 plain | recta | droite

Ref.	IN	Length (mm)
49501	24/29	320
49502	24/29	570
49503	29/32	570
49504	24/29	820
49505	34/35	350
49506	34/35	600

Distiller | Destilador | Distillateur

67 Vigreux

Ref.	IN	Feature | Característica | Caractéristique
519		complete | completo | complet
51901	29/32	flask | matraz | ballon
51902	29/32	condenser | refrigerante | réfrigérant

Ground ware | Esmerilado | Rodages

68 socket, rolled shoulder, single | hembra esmerilada | femelle, rodé

Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
49801	5/13	113	8	1,0
49802	7/16	116	10	1,5
49803	10/19	119	13	1,5
49804	12/21	121	15	1,8
49805	14/23	123	17	1,8
49806	19/26	126	22	1,8
49807	24/29	129	28	2,0
49808	29/32	132	33	2,0
49809	34/35	135	40	2,3
49811	45/40	140	50	2,5
49814	60/46	180	65	3,2

69 Socket, rolled shoulder, double | Hembra, doble, esmerilada | Femelle, double, rodé

Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
20801	7/16	122	10	1,5
20802	10/19	128	13	1,5
20803	14/23	136	17	1,8
20804	19/26	142	22	1,8
20805	24/29	168	28	2,0
20806	29/32	174	34	2,0
20807	34/35	180	40	2,3
20808	45/40	190	50	2,5

70 **DIN 12249, ISO 383 -** cone, plain end, double | machos, doble | mâle, double

Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
20001	10/19	90	9	1,0
20008	12/21	121	11	1,5
20002	14/23	123	13	1,5
20003	19/26	128	17	1,8
20004	24/29	144	22	1,8
20005	29/32	150	26	2,0
20006	34/35	153	30	2,0
20007	45/40	160	40	2,3

71 cone, long tip, double | machos, longo, doble | mâle long, double

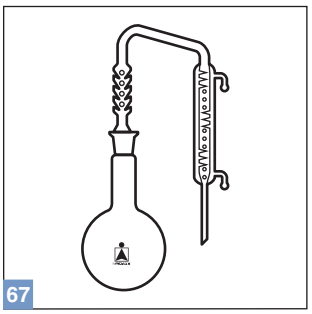
Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
20601	14/23	55	14	1,5
20602	19/26	60	18	1,8
20603	24/29	95	22	1,8
20604	29/32	125	28	2,0

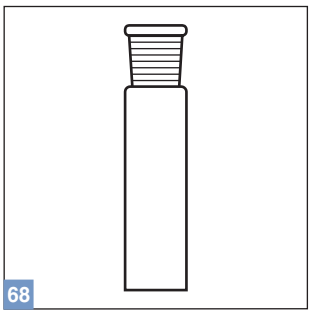
72 cone angled end, double | macho con bisel, doble | mâle en biseau, double

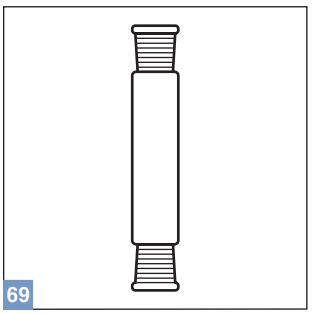
Ref.	IN	Length (mm)	Out. diam. (mm)
20201	14/23	156	13
20202	19/26	166	17
20203	24/29	188	22
20204	29/32	200	26

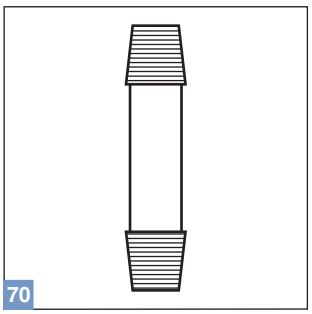
73 cone, long tip, single | machos, longo, doble | mâle long, double

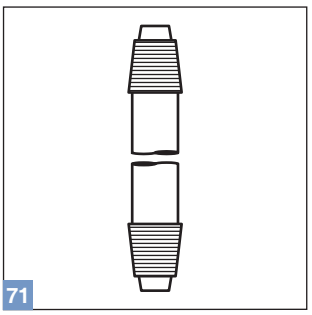
Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
20302	10/19	90	9	1,0
20311	12/21	121	11	1,5
20303	14/23	123	13	1,5
20304	19/26	128	17	1,8
20305	24/29	144	22	1,8
20306	29/32	150	26	1,8
20307	34/35	153	30	2,0
20309	45/40	160	40	2,3

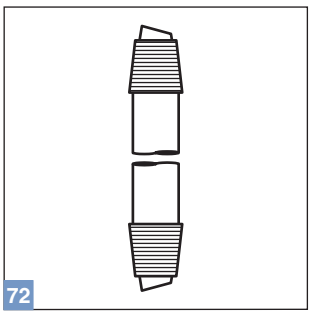


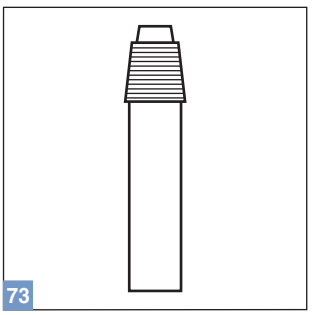


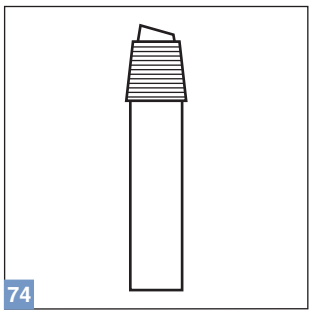


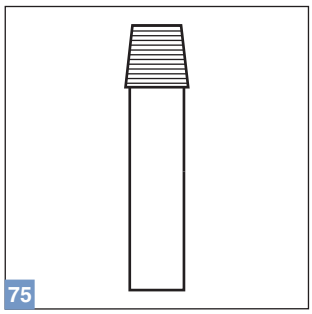


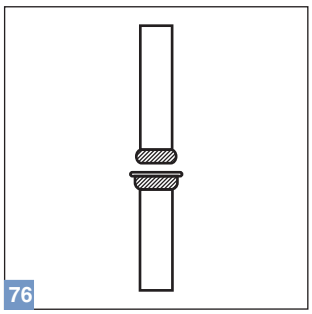




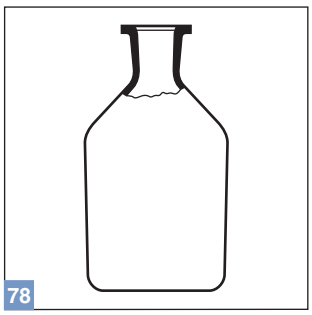
















Ground ware | Esmerilado | Rodages

74 **DIN 12249, ISO 383** - cone, angled end | machos, con bisel | mâle, bout biseau

Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
49601	10/19	90	9	1,0
49602	12/21	121	11	1,5
49603	14/23	123	13	1,5
49604	19/26	128	17	1,8
49605	24/29	144	22	1,8
49606	29/32	150	26	2,0
49607	34/35	153	30	2,0
49609	45/40	160	40	2,3

75 cone, plain end | macho, unión cónica | mâle, bout droit

Ref.	IN	Length (mm)	Out. diam. (mm)	Thick. (mm)
49701	5/13	113	4	0,8
49702	7/16	116	6	1,5
49703	10/19	119	8	1,5
49704	12/21	121	11	1,5
49705	14/23	123	13	1,5
49706	19/26	126	17	1,8
49707	24/29	139	22	1,8
49708	29/32	142	26	2,0
49709	34/35	145	30	2,0
49711	45/40	150	40	2,3
49714	60/46	166	56	2,5

76 male and female, spherical | hembra y macho esférico | sphérique rodé, femelle et mâle

Ref.	INE	Length (mm)	Out. diam. (mm)	Thick. (mm)
20901	S-13	100	8	12,700
20902	S-13	100	8	12,700
20903	S-19	100	13	19,050
20904	S-29	100	20	28,575
20905	S-35	100	24	34,925
20906	S-41	100	32	41,275
20907	S-51	100	38	50,800

Bottle for reagent | Frasco reactivo | Fiole à réactifs

77 narrow neck, glass amber, without stopper | boca estrecha, vidrio ámbar, sin tapón | col étroit, verre ambre, sans bouchon

Ref.	Cap. (ml)	IN
4116617	50	12/21
4116624	100	14/23
4116636	250	19/26
4116644	500	24/29
4116654	1000	29/32

78 narrow neck, without stopper | boca estrecha, sin tapón | col étroit, sans bouchon

Ref.	Cap. (ml)	IN
4116117	50	12/21
4116124	100	14/23
4116136	250	19/26
4116144	500	24/29
4116154	1000	29/32

79 wide neck, glass amber, without stopper | boca ancha, vidrio ámbar, sin tapón | col large, verre ambre, sans bouchon

Ref.	Cap. (ml)	IN
4118617	50	19/26
4118624	100	24/29
4118636	250	34/35
4118644	500	45/40
4118654	1000	45/40

80 wide neck, without stopper | boca ancha, sin tapón | col large, sans bouchon

Ref.	Cap. (ml)	IN
4118117	50	19/26
4118124	100	24/29
4118136	250	34/35
4118144	500	45/40
4118154	1000	45/40

Connector | Conector | Connecteur

81 double | doble | double

Ref.	Cap. (ml)	Out. diam. (mm)	Thick. (mm)
25101	115	6	1,5
25102	115	8	1,5
25103	115	9	1,5
25104	115	10	1,5
25105	115	11	1,5
25106	115	12	1,5

Pipette | Pipeta | Pipette

82 plain | lisa | lisse

Ref.	Cap. (ml)
5434501	0,1
5434503	0,2
5434505	0,5
5434511	1
5434516	2
5434524	5
5434529	10
5434532	20
5434534	25

83 with bulb | con bola | à boule

Ref.	Length (mm)
9065034	170

Burette tip | Punta bureta | Embout à burette

84 Ref.	Cap. (ml)	Glass | Vidrio | Verre
9060011	25	borosilicate | borosilicato | borosilicaté
9060013	25	neutral | neutral | neutre
9060010	5 - 10	borosilicate | borosilicato | borosilicaté
9060012	5 - 10	neutral | neutral | neutre
9060003	50	borosilicate | borosilicato | borosilicaté

Measuring cylinder | Probeta graduada | Éprouvette graduée

85 **ASTM E 133** - with spout | con pico | avec bec

Ref.	Cap. (ml)
62014	25
62024	100
62034	200

Burner | Quemador | Brûleur

86 Ref.	Cap. (ml)	IN	ASTM
63700	25	14/23	E 1266

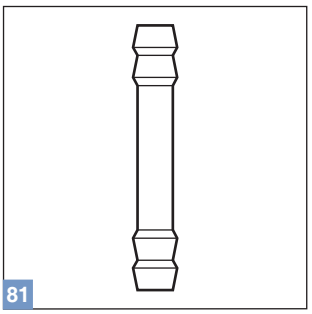
Condenser | Refrigerante | Réfrigérant

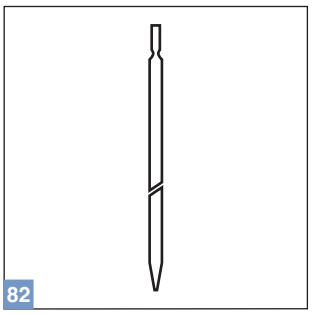
87 Allihn

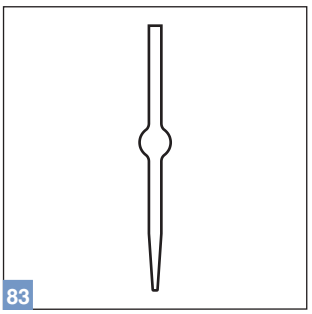
Ref.	Extractor (ml)	IN (cone | macho | mâle)
49908	200	29/32
49904	200	34/35
49905	250	45/40
49906	210	55/50
49907	200	70/50

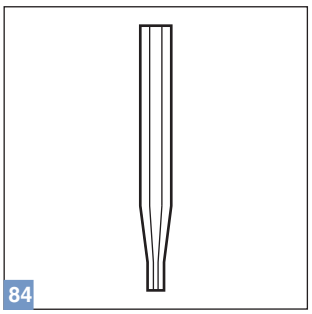
88 **Allihn** - 1 ground joint | 1 esmerilado | à boule, 1 rodage

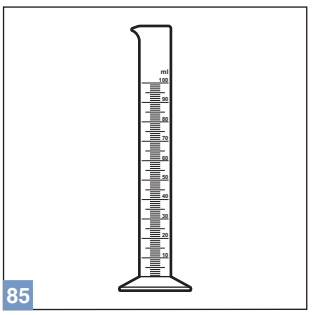
Ref.	Length (mm)	IN
49001	200	19/26
49002	200	24/29
49003	200	29/32
49004	160	19/26
49005	250	19/26
49006	250	24/29
49007	300	24/29
49008	300	29/32
49009	400	29/32

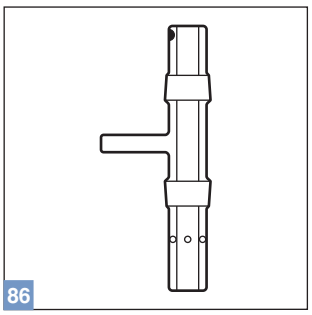


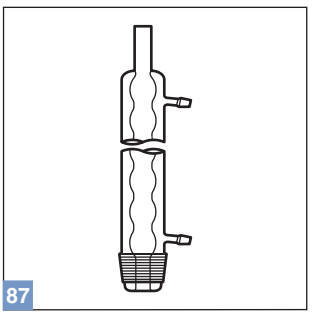


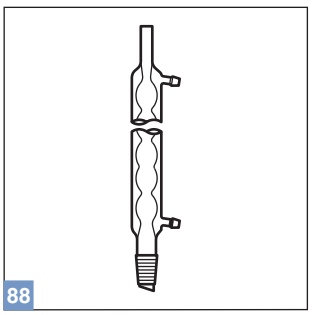


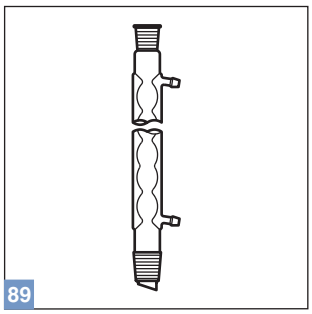


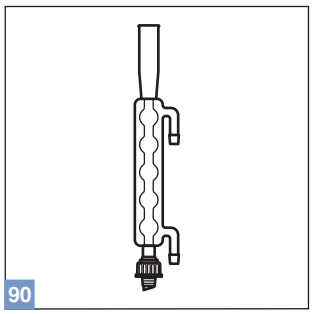


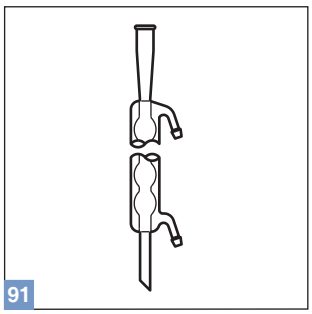


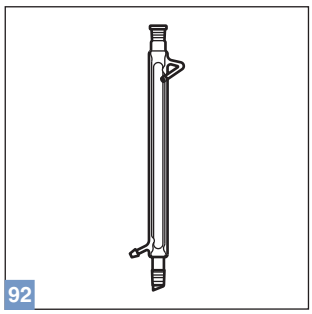


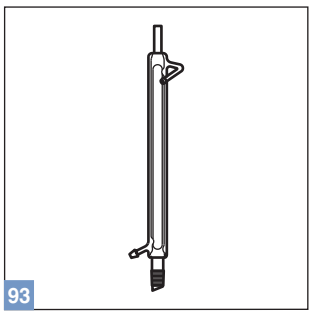


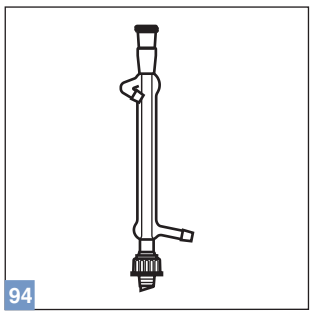


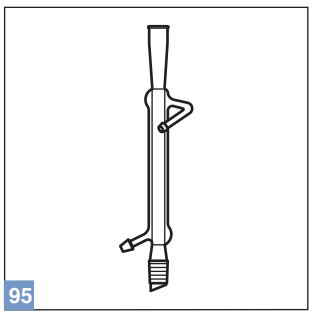


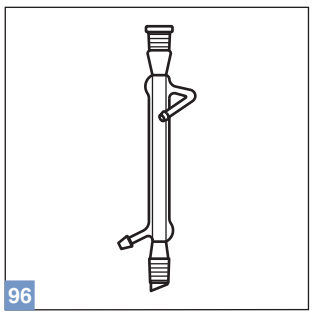












Condenser | Refrigerante | Réfrigérant

89 **Allihn** - 2 ground joints | 2 esmerilados | à boule, 2 rodages

Ref.	Length (mm)	IN
49106	160	14/23
49107	160	19/26
49101	200	19/26
49108	250	19/26
49102	300	19/26
49103	300	24/29
49104	300	29/32
49105	400	29/32

90 **Allihn** - ball, ground and screwthreaded joint | de bolas, esmerilado y rosca | à boule, rodé et à vis

Ref.	Length (mm)
9165006	200

91 **Allihn** - without ground joint | sin esmerilado | à boule, sans rodage

Ref.	Length (mm)
46704	160
46701	200
46705	250
46702	300
46703	400

92 **Davies** - 2 ground joints | 2 esmerilados | 2 rodages

Ref.	Length (mm)	IN
48701	100	10/19
48702	150	14/23
48703	150	24/29
48704	150	19/26
48705	200	24/29
48706	200	29/32
48707	200	19/26
9065108	220	19/26
48709	300	19/26
48710	400	24/29
48708	500	34/35

93 **Davies** - 1 ground joint | 1 esmerilado | 1 rodage

Ref.	Length (mm)	IN
48801	200	40/45
48802	200	45/40
48803	200	50/45

94 **Liebig** - ground and screwthreaded joint with straight end | rosca y esmerilado direito | rodé et vissé droit

Ref.	Length (mm)
9165000	200

95 **Liebig** - 1 ground joint | 1 esmerilado | 1 rodage

Ref.	Length (mm)	IN
47306	150	19/26
47307	200	19/26
47308	200	24/29
47309	250	24/29
47310	250	29/32
47311	300	24/29
47312	300	29/32
47313	400	24/29
47314	400	29/32

96 **Liebig** - 2 ground joints | 2 esmerilados | 2 rodages

Ref.	Length (mm)	IN
48601	150	10/19
48602	150	14/23
48603	200	19/26
48604	200	24/29
48609	250	19/26
48610	250	24/29
48605	400	19/26
48606	400	24/29
48607	400	29/32
48608	500	34/35

Condenser | Refrigerante | Réfrigérant

97 Liebig - without ground joint | sin esmerilado | sans rodage

Ref.	Length (mm)
47304	150
47301	200
47305	250
47302	300
47303	400

98 Dimroth - coil, 2 ground joints | 2 esmerilados | 2 rodages

Ref.	Length (mm)	IN
48906	160	14/23
48907	160	19/26
48908	160	29/32
48909	200	14/23
48901	200	19/26
48902	200	24/29
48910	300	14/23
48911	300	19/26
48912	300	29/32
48913	400	24/29
48903	400	29/32
48904	500	29/32
48905	500	45/40

99 coil, 1 ground joint | serpentina, 1 esmerilado | serpentin, 1 rodage

Ref.	Length (mm)	IN
48401	150	29/32
48402	150	34/35
48404	200	14/23
48403	200	45/40
48405	250	29/32
48406	250	34/35
48407	250	45/40
48408	300	14/23
48409	300	29/32
48410	300	45/40
48411	400	29/32

01 coil, without ground joint | serpentín, sin esmerilado | serpentin, sans rodage

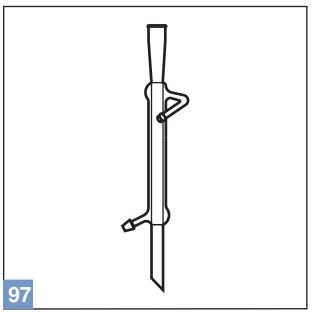
Ref.	Length (mm)
45300	160
45301	200
45303	250
45302	300
45304	400

02 Graham - coil, 2 ground joints | serpentín, 2 esmerilados | serpentin, 2 rodages

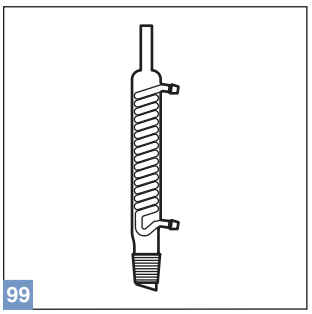
Ref.	Length (mm)	IN
48501	150	19/26
48502	150	24/29
48503	150	29/32
48509	250	19/26
48510	250	24/29
48511	250	29/32
48504	300	19/26
48505	300	24/29
48506	300	29/32
48507	400	24/29
48508	400	29/32

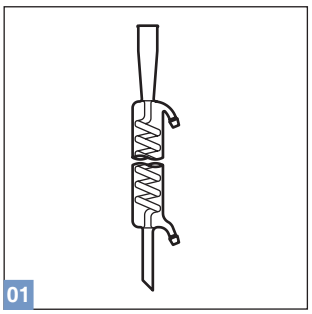
03 coil, male and female joint | serpentín, esmerilado macho y femea | serpentin, rodage mâle et femelle

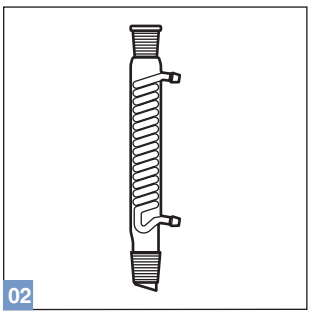
Ref.	Length (mm)	IN
48303	150	24/29
48304	150	29/32
48301	200	19/32
48305	200	14/23
48306	250	24/29
48307	250	29/32
48302	300	29/32
48308	300	24/29
48309	400	29/32
48310	500	29/32

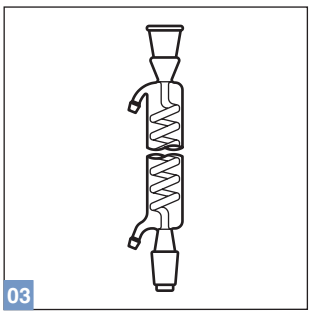


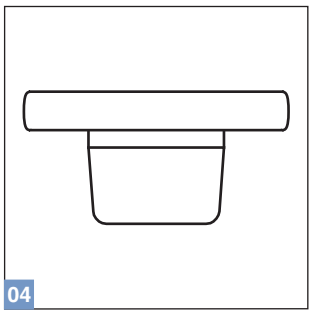


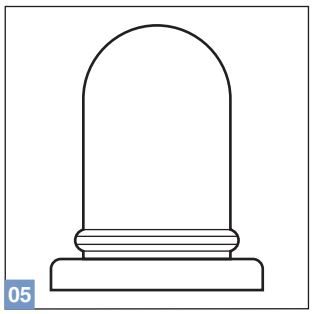


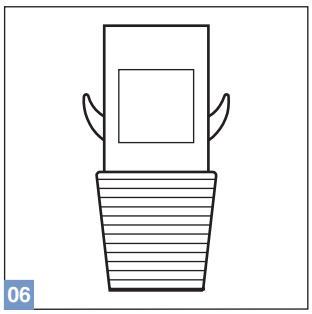


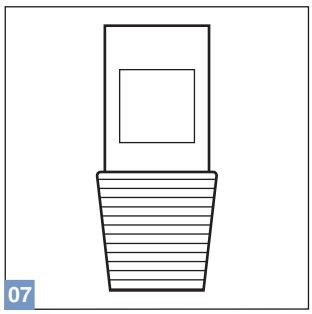


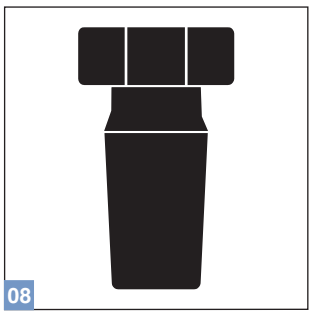



04


05


06


07


08

Rubber cap | Tapón de goma | Bouchon caoutchouc

04

Ref.	Feature	Sterile	Colour
6507001	S-127/H 4001 A	no	grey

Glass stopper | Tapón de vidrio | Bouchon de verre

05 with clamps | con pinzas | avec pinces

Ref.	IN
51501	7/16
51502	10/19
51503	12/21
51504	14/23
51505	19/26
51506	24/29
51507	29/32
51508	34/35
51509	45/40

06 without clamps | sin pinzas | sans pinces

Ref.	IN
51601	7/16
51602	10/19
51603	12/21
51604	14/23
51605	19/26
51606	24/29
51607	29/32
51608	34/35
51609	45/40

07 **octogonal -** amber glass, finished | vidrio ámbar, terminado | verre ambre, terminé

Ref.	IN
26701	12/21
26702	14/23
26703	19/26
26704	24/29
26705	29/32
26706	34/35
26707	45/40

07 **octogonal -** amber glass, 0,2 mm ground | vidrio ámbar, 0,2 mm esmerilado | verre ambre, 0,2 rodage

Ref.	IN
26401	12/21
26402	14/23
26403	19/26
26404	24/29
26405	29/32
26406	34/35
26407	45/40

08 **octogonal -** clear glass, finished | vidrio transparente, terminado | verre transparent, terminé

Ref.	IN
26601	12/21
26602	14/23
26603	19/26
26604	24/29
26605	29/32
26606	34/35
26607	45/40

08 **octogonal -** clear glass, 0,2 mm ground | vidrio transparente, 0,2 mm esmerilado | verre transparent, 0,2 rodage

Ref.	IN
26501	12/21
26502	14/23
26503	19/26
26504	24/29
26505	29/32
26506	34/35
26507	45/40

Glass stopper | Tapón de vidrio | Bouchon de verre

09 **octogonal -** solid, finished | macizo, terminado | masse, terminé

Ref.	IN
26617	34/35
26618	45/40

09 **octogonal -** solid, 0,2 mm ground | macizo, 0,2 mm esmerilado | masse, rodage 0,2 mm

Ref.	IN
26518	45/40

10 round, finished | redondo, terminado | rond, terminé

Ref.	IN
26608	7/16
26609	10/19

10 round, amber finished | redondo, ámbar terminado | rond, ambre terminé

Ref.	IN
26708	7/16
26709	10/19

10 round, 0,2 mm ground | redondo, esm. 0,2 mm | rond, rodage 0,2 mm

Ref.	IN
26508	7/16
26509	10/19

10 round, amber 0,2 mm ground | redondo, ámbar esmerilado 0,2 mm | rond, ambre rodage 0,2 mm

Ref.	IN
26408	7/16
26409	10/19

Rubber sucker | Tetina en goma | Tétine en caoutchouc

11

Ref.	Colour | Color | couleur
6508000	white | blanco | blanc
6508002	black | negro | noir

Cap plastic | Tapón en plástico | Bouchon en plastique

12 **octogonal**

Ref.	IN
6604102	7/16
6604103	10/19
6604104	12/21
6604105	14/23
6604106	19/26
6604107	24/29
6604108	29/32
6604109	34/35
6604110	45/40

13 for perfume vials | para frascos de perfume | pour flacons à perfum

Ref.	Colour | Color | couleur
6604111	natural | natural | naturel

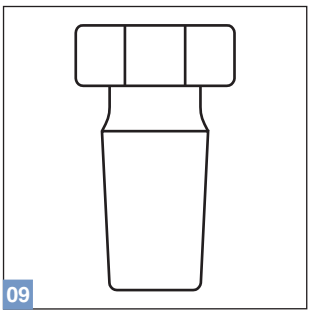
14 **PP** - for culture tubes | para tubos de cultura | pour tubes de culture

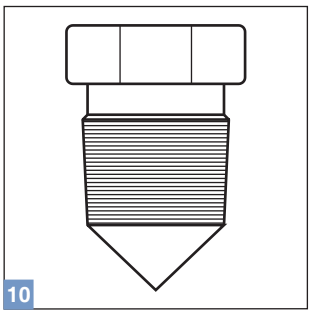
Ref.	GL	Colour | Color | couleur
6604100	12	colourless | neutras | neutras
6604101	18	colourless | neutras | neutras

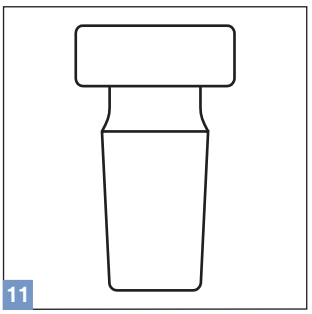
Stopcock | Llave | Robinet

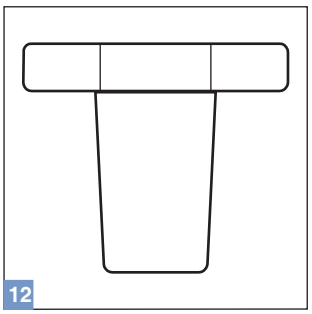
15 Stopcock barrel, boro glass | Cilindro para llave, vidrio boro | Cylindre pour robinet, verre boro

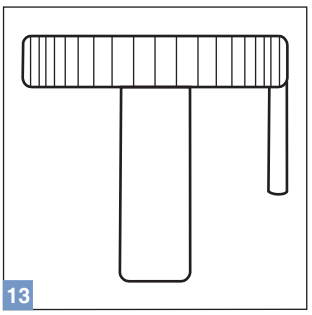
Ref.	IN	Bore (mm)	Diam. (mm)
26204	12	12	12,5
26205	14	14	14,5
26206	19	19	18,8

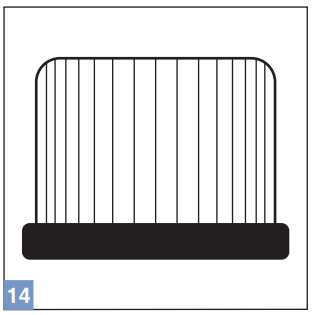


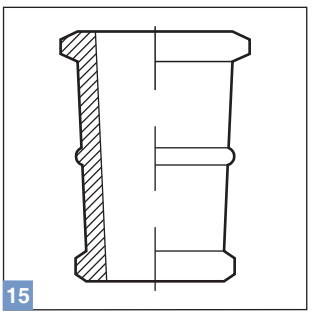


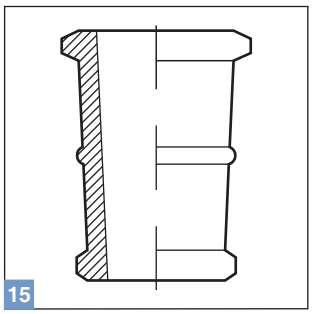


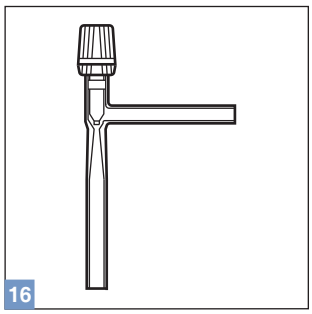


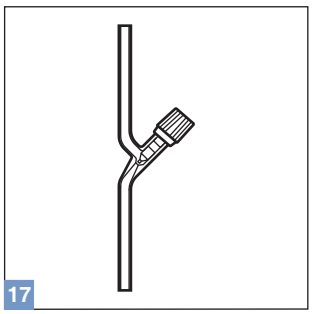


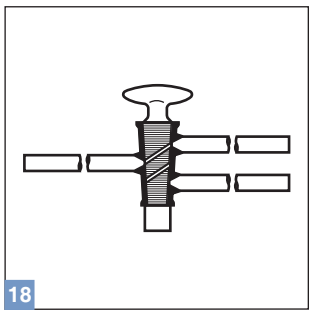


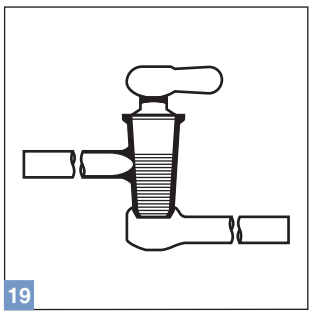


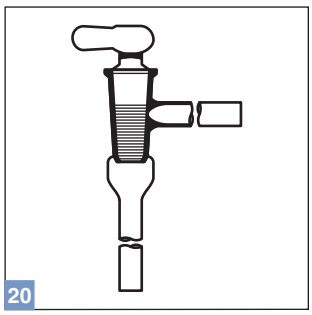

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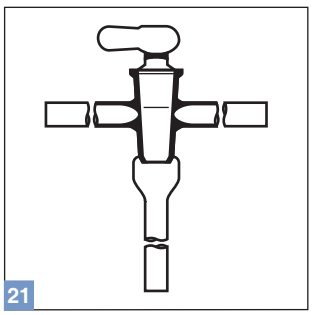

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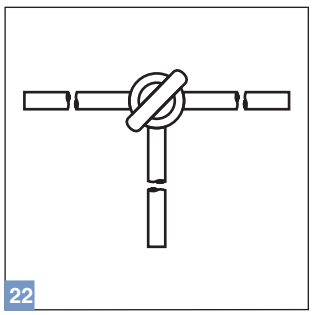

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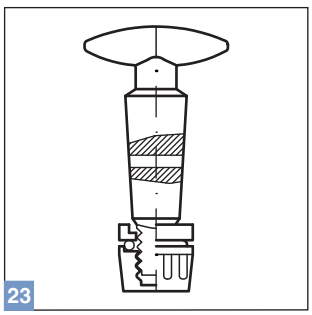

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23

Stopcock | Llave | Robinet

15 Stopcock barrel, neutral glass | Cilindro para llave, vidrio neutro | Cylindre pour robinet, verre neutre

Ref.	IN	Bore (mm)	Diam. (mm)
26201	12	12	12,5
26202	14	14	14,5

15 Stopcock barrel, soda-lime glass | Cilindro para llave, vidrio sódico-cálcico | Cylindre pour robinet, verre sodo-calcique

Ref.	IN	Bore (mm)	Diam. (mm)
26301	12	12	12,5
26302	14	14	14,5
26303	19	19	18,8

16 with PTFE gasket, 90º angled | angulo 90º teflon | 90º téflon

Ref.	Passage	Tube (mm)
2415202S	0 - 2,5	9
2415203S	0 - 4	10
2415204S	0 - 6	10

17 with PTFE gasket | avec teflon | de téflon

Ref.	Passage	Tube (mm)
2415102S	0 - 2,5	9
2415103S	0 - 4	10
2415104S	0 - 6	10

18 two-way vacuum parallel | de 2 vias para vácuo, paralela | à 2 voies et à vide, parallèle

Ref.	Stem. (mm)	Bore (mm)	Stem length (mm)
50301	8	1,5	100
50302	9	2,5	100
50303	10	4	100

19 two-way vacuum straight | de 2 vias para vácuo, recta | à 2 voies et à vide, droite

Ref.	Stem. (mm)	Bore (mm)
50901	8	3
50902	11	6
50903	13	8
50904	15	10

20 2 way lateral, vacuum | 2 vias lateral, para vácuo | à 2 voies latérales et à vide

Ref.	Stem. (mm)	Diam. stem (mm)
50801	2	6
50802	4	9
50803	6	11
50804	8	13
50805	10	15

21 3 way, vacuum | 3 vias, para vácuo | 3 voies et à vide

Ref.	Stem. (mm)	Diam. stem (mm)
50701	2	6
50702	4	9
50703	6	11
50704	8	13
50705	10	15

22 T, 3 way | T, 3 vias | T, 3 voies

Ref.	Stem. (mm)	Bore (mm)	Stem length (mm)
50401	8	2	100
50402	9	2,5	100
50403	10	4	100

23 spare key, complete, finished | macho completo, esmerilado terminado | clé complète, rodé, fini

Ref.	IN
26101	12
26102	14
26103	19

Stopcock | Llave | Robinet

23 spare key, complete, 0,2 mm ground | macho completo, esmerilado 0,2 mm | clé complète, rodage 0,2 mm

Ref.	IN
26001	12
26002	14
26003	19

23 spare key, glass with bore, ground | macho vidrio con furo, esmerilado | clé verre avec trou, rodée

Ref.	IN
26004	12
26005	14
26006	19

23 spare key complete with bore, unground | macho completo con furo, sin esmerilado | clé complète avec trou, sans rodage

Ref.	IN
26110	12
26111	14
26112	19

23 spare key complete without bore, unground | macho completo sin furo, sin esmerilado | clé complète sans trou, sans rodage

Ref.	IN
26104	12
26105	14
26106	19

23 spare key, glass with bore, unground | macho vidrio con furo, sin esmerilado | clé verre avec trou, sans rodage

Ref.	IN
26107	12
26108	14
26109	19

23 spare key, glass without bore, unground | macho vidrio sin furo, sin esmerilado | clé verre sans trou, sans rodage

Ref.	IN
26007	12
26008	14
26009	19

24 burette stopcock with bore | llave de bureta con furo | robinet de burette avec trou

Ref.	IN	Bore (mm)
27701	12	1,5
27702	14	2,5

25 tap for aspirator bottle | llave para barris | robinet pour baril

Ref.	IN	Bore (mm)
50602	19	6

26 angled burette stopcock, glass key | llave para bureta, angular, macho de vidrio | robinet angulaire pour burette, mâle en verre

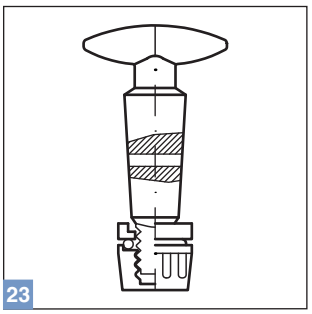
Ref.	IN	Bore (mm)
27601	12,5	1,5

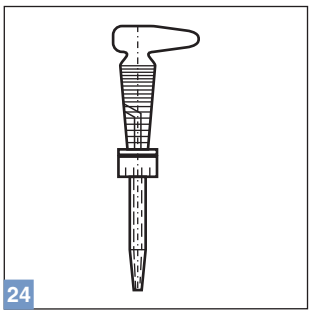
26 angled burette stopcock, PTFE key | llave para bureta, angular, macho PTFE | robinet angulaire pour burette, mâle en PTFE

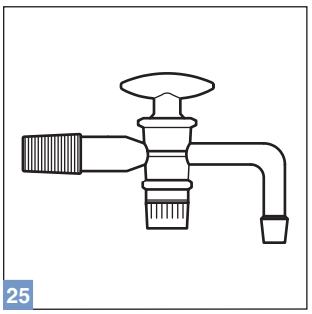
Ref.	IN	Bore (mm)
27602	12,5	1,5

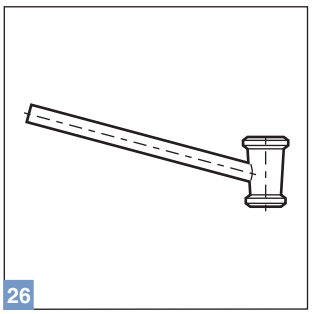
27 angled burette stopcock, boro glass | llave para bureta ângular, vidrio boro | robinet angulaire pour burette en verre boro

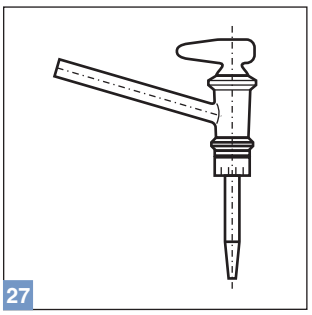
Ref.	Bore (mm)	Feature | Característica | Caractéristique
27301	12,5	unground | no esmerilado | sans émeri
27401	12,5	0,2 mm ground | esmerilado 0,2 mm | émeri 0,2 mm
27501	12,5	ground | esmerilado | émeri

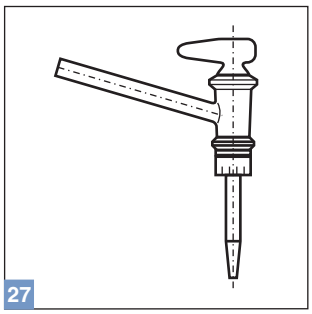

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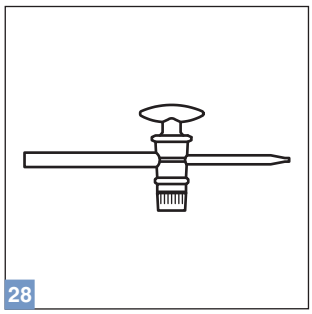

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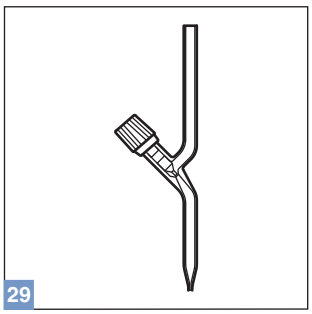

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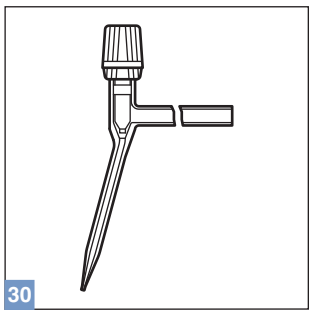

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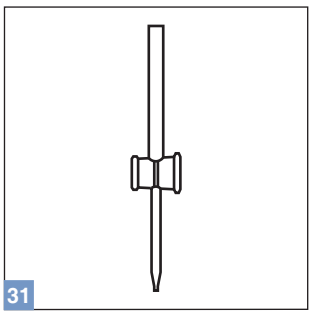

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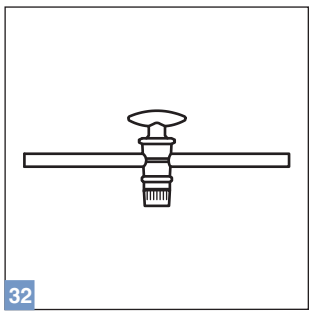

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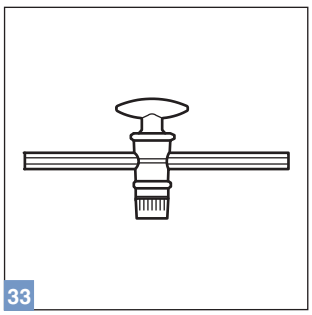

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Stopcock | Llave | Robinet

27 angled burette, soda-lime glass | llave para bureta ângular, vidrio sódico-cálcico | robinet angulaire pour burette en verre sodo-calcique

Ref.	Bore (mm)	Feature | Característica | Caractéristique
27302	12,5	unground | no esmerilado | sans rodage
27402	12,5	0,2 mm ground | esmerilado 0,2 mm | rodage 0,2 mm
27502	12,5	ground | esmerilado | rodage

28 for burette, complete, glass key | completa para bureta, macho de vidrio | complète pour burette, mâle de verre

Ref.	Bore x stem (mm)	IN
27201	1,5 x 8	12
27202	2,5 x 9	14
27203	4,0 x 9	19

28 for burette, complete, PTFE key | completa para bureta, macho PTFE | complète pour burette, mâle PTFE

Ref.	Bore x stem (mm)	IN
27801	1,5 x 8	12
27802	2,5 x 9	14
27803	4,0 x 9	19

29 for burette, PTFE gasket | de teflon para bureta, macho PTFE | pour burette avec téflon

Ref.	for burette (ml)	Tube (mm)	Passage
2415402S	10	9	0 - 2,5
2415403S	25	10	0 - 4
2415404S	50	10	0 - 6

30 for burette, capillary end with PTFE | de teflon para bureta, punta capilar | pour burette bout capillaire téflon

Ref.	for burette (ml)	Tube (mm)	Passage
2415502S	10	9	0 - 2,5
2415503S	25	10	0 - 4
2415504S	50	10	0 - 6

31 for burette single bore, semi finished 0,2 mm ground, boro glass | para bureta sin macho, semi-acabada esm. 0,2 mm, vidrio boro | pour burette sans mâle, semi-fini rodage 0,2 mm, verre boro

Ref.	Diam. tube x diam. max. int. (mm)	Length (mm)
27101	8 x 12,5	60 / 30
27102	9 x 14,5	60 / 30
27103	9 x 19,0	80 / 30

31 for burette single bore, semi finished 0,2 mm ground, soda-lime glass para bureta sin macho, semi-acab. esm. 0,2 mm, vidrio sódico-cálcico pour burette sans mâle, semi-fini rodage 0,2 mm, verre sodo-calcique

Ref.	Diam. tube x diam. max. int. (mm)	Length (mm)
27001	8 x 12,5	60 / 30
27002	9 x 14,5	60 / 30
27003	9 x 19,0	80 / 30

32 one-way stopcock, glass key | llave recta, macho de vidrio | robinet droite, mâle de verre

Ref.	Diam. bore x diam. stem (mm)	Stem length (mm)	IN
50201	2,5 x 8	100	12
50202	4 x 10	100	14
50203	6 x 13	100	19

32 one-way stopcock, PTFE key | llave recta, macho PTFE | robinet droite, mâle PTFE

Ref.	Diam. bore x diam. stem (mm)	Stem length (mm)	IN
50101	2,5 x 8	100	12
50102	4 x 10	100	14
50103	6 x 13	100	19

33 one-way stopcock capilar glass | llave recta, vidrio capilar | robinet droite, verre capillaire

Ref.	Diam. bore x diam. stem (mm)	Stem length (mm)
50501	1,5 x 8	100
50502	2,5 x 9	100

Stopcock | Llave | Robinet

34 one-way stopcock semi-finished, 0,2 mm ground, boro glass | llave recta, semi-acabada, esmerilada 0,2 mm, vidrio boro | robinet droite, semi-fini rodage 0,2 mm, verre boro

Ref.	Diam. bore x diam. stem (mm)	Stem length (mm)
28001	1,5 x 8	100
28002	2,5 x 9	100
28003	4 x 10	100

34 one-way stopcock semi-finished, 0,2 mm ground, soda-lime glass | llave recta, semi-acabada, esmerilada 0,2 mm, vidrio sódico-cálcico | robinet droite, semi-finirodage 0,2 mm, verre sodo-calcique

Ref.	Diam. bore x diam. stem (mm)	Stem length (mm)
28201	1,5 x 8	100
28202	2,5 x 9	100
28203	4 x 10	100

Syringe pipette | Jeringa para pipeta | Seringue pipette

35 Soda-lime glass | Vidrio sódico-cálcico | Verre sodocalcique

Ref.	Cap. (ml)
29101	1
29102	2
29103	5
29104	10
29105	20
29106	25

Tube | Tubo | Tube

36 **ASTM E-96** - centrifuge | de centrifuga | à centrifuger

Ref.	Cap. (ml)
63200	100

37 **ASTM E-96** - centrifuge, pear shape | de centrífuga, forma pera | à centrifuger, forme de poire

Ref.	Cap. (ml)
9065082	100

38 digestion set, C.Q.O. | conjunto digestión, C.Q.O. | ensemble pour digestion, C.Q.O.

Ref.	Feature | Característica | Caractéristique	Out. diam. x height (mm)
9065099	1. chimney/bell jar for cooling tube | chaminea/ campana para tubo refrigeración | cheminée/ cloche pour tube de refroidissement	
9065097	2. IN 29/32 - cooling tube | tubo de refrigeración | tube de refroidissement	15 x 430
9065098	3. C.Q.O. tube | tubo C. Q. O. | tube C.Q.O.	40 x 200

39 cryoscope | crioscópio | cryoscope

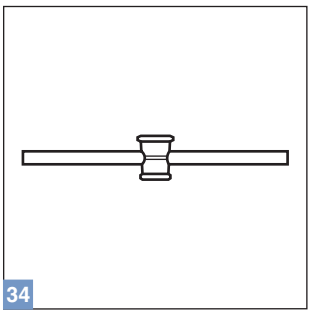
Ref.	Graduated at (ml)
9065133	2 - 2,5

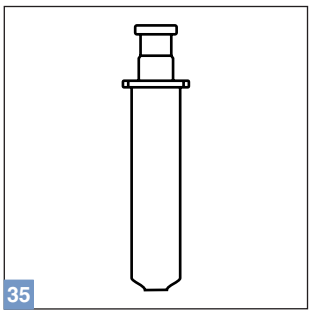
40 **Folin Wu**

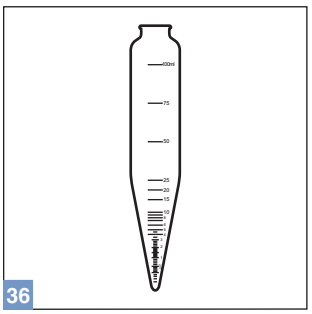
Ref.	Graduated at (ml)	Out. diam. x height (mm)
3427121	25	18 x 200
3427122	12,5 - 25	18 x 200
3427123	4 - 12,5 - 25	18 x 200

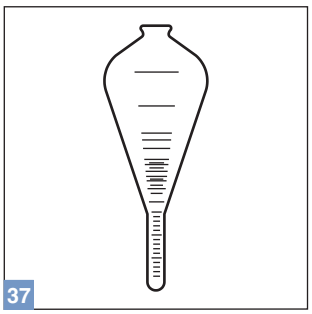
41 test tube with standard ground joint | tubo ensayo con esmerilado | tube à essai, rodé

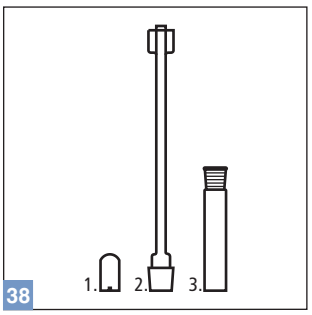
Ref.	Cap. (ml)	IN	Out. diam. x height (mm)
45201	2	10/19	14 x 65
45202	5	10/19	14 x 100
45203	10	12/21	17 x 100
45204	11	14/23	18 x 100
45205	15	14/23	18 x 125
45206	19	14/23	18 x 150
45207	19	19/26	22 x 100
45208	31	19/26	22 x 150
45209	54	24/29	28 x 150
45210	75	24/29	30 x 200
45211	195	34/35	40 x 250

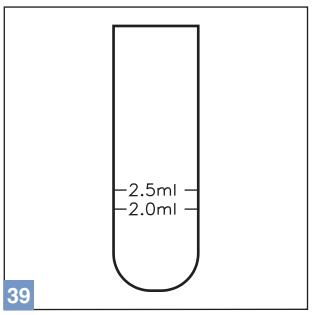


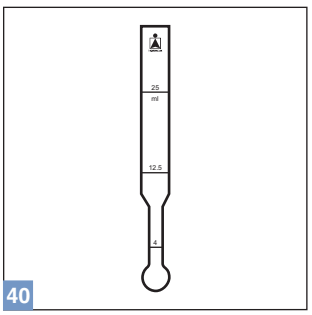


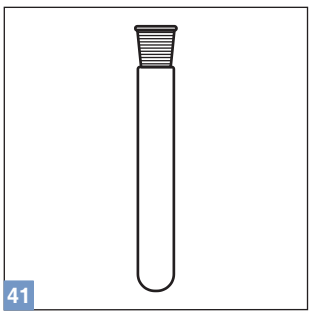


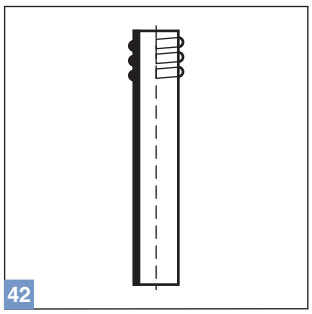


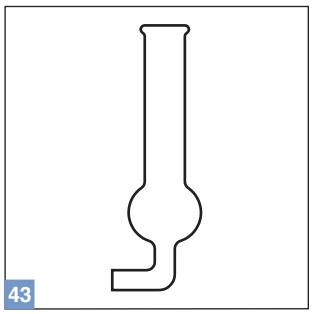


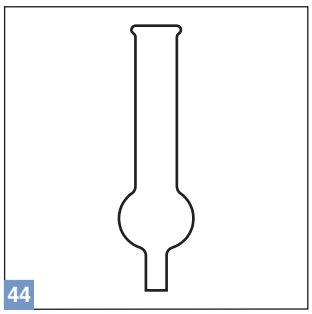


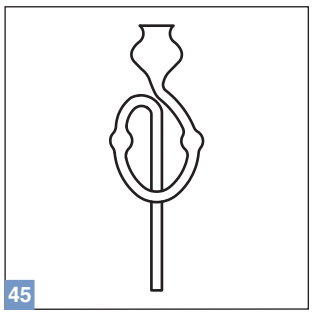


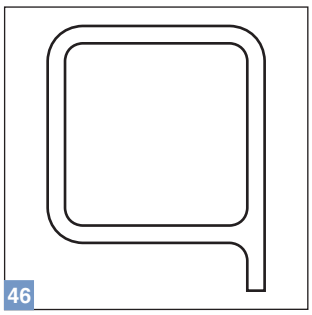


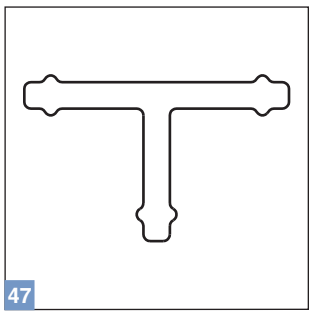


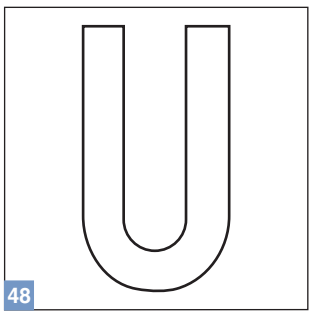


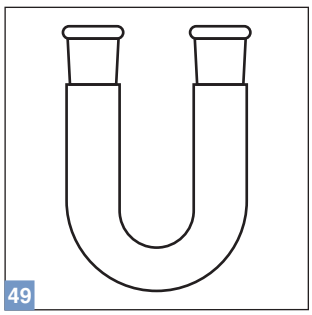


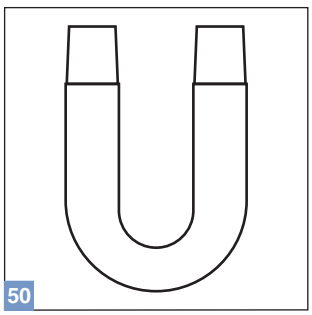












Tube | Tubo | Tube

41 screwthread junction | roscados de union | de jonction à vis

Ref.	GL	Stem. (mm)	Length (mm)	Diam. max. (mm)	Thick. (mm)
25001	14	2	110	12	1,5
25002	18	4	110	16	1,8
25003	25	6	110	22	1,8
25004	32	8	150	28	2,0
25005	45	10	180	40	2,3

42 drying tube, bent, with bulb | tubo secamiento curvo | tube de séchage curve

Ref.	Out. diam. x height (mm)
5613001	13 x 100
5613002	13 x 130
5613003	18 x 180
5613004	18 x 250

43 drying tube, straight, with bulb | tubo secamiento direito | tube de séchage droit

Ref.	Out. diam. x height (mm)
5613101	13 x 100
5613103	18 x 180
5613104	18 x 250

44 safety S shape tube, 2 bulbs | tubo de seguridad en S con 2 bolas | tube de sécurité en S avec 2 boules

Ref.	Height (mm)
9065016	230
9065010	355

45 square shape tube | tubo de forma cuadrada | tube forme carree

Ref.	Out. diam. x height (mm)
9065079	20 x 250

46 T shape tube | tubo en T | tube en T

Ref.	Out. diam. x height (mm)
9065119	8 x 115
3086410	10 x 115

47 U shape tube | tubo en U | tube en U

Ref.	Out. diam. x height (mm)
3086325	10 x 80
3086326	12 x 100
3086327	12 x 120
3086328	14 x 100
3086329	14 x 120
3086330	16 x 120
3086331	16 x 150
9065026	16 x 160
3086332	18 x 150
3086333	18 x 250
9065065	20 x 160
3086334	20 x 180

48 U shape tube, stand, ground socket | tubo en U con esmerilado femea | tube en U rodagefemelle

Ref.	IN	Height (mm)
3086001	14/23	140
3086002	19/26	180
3086003	29/32	295

49 U shape tube, stand, ground cone | tubo en U con esmerilado macho | tube en U rodage mâle

Ref.	IN	Height (mm)
3085901	14/23	115
3085902	19/26	130
3085903	29/32	150

Tube | Tubo | Tube

51 U shape tube, bottom hose connection | tubo en U, tubuladura en bajo | tube en U avec joint au fond

Ref.	Out. diam. x height (mm)
3086321	10 x 80
3086312	12 x 100
3086313	12 x 120
3086314	14 x 100
3086315	14 x 120
3086316	16 x 120
3086317	16 x 150
9065018	18 x 150
3086319	18 x 250
9065037	20 x 120
3086320	20 x 180

52 U shape tube, bottom hose connection, with stopcock | tubo en U, tubuladura en bajo, con llave | tube en U avec joint au fond à robinet

Ref.	Out. diam. x height (mm)
9065077	20 x 300
9065078	16 x 300

53 U shape tube, lateral hose connection | tubo en U, tubuladura lateral | tube en U avec joint lateral

Ref.	Out. diam. x height (mm)
3086210	10 x 80
3086212	12 x 100
3086213	12 x 120
3086214	14 x 100
3086215	14 x 120
3086216	16 x 120
3086217	16 x 150
3086218	18 x 150
3086219	18 x 250
3086220	20 x 180

54 U shape tube, lateral hose connection, with stopper | tubo en U, tubuladura lateral con llave | tube en U avec joint lateral, avec robinet

Ref.	IN	Height (mm)
3086101	12/21	100
3086102	14/23	100
3086103	24/23	180
3086104	19/26	250

55 Y shape tube | tubo en Y | tube en Y

Ref.	Out. diam. x height (mm)
3086310	10 x 115

56 gas graduated tube | tubo gas graduado | cloche à gaz graduée

Ref.	Cap. (ml)
9065083	20
9065084	25
9065085	50

57 **ASTM E 97** - congelation point tube | tubo para punto congelación | tube pour point de congélation

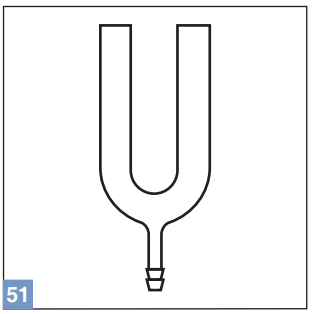
Ref.	Height (mm)	Out. diam. (mm)	ASTM
64700	115 - 125	30 - 33,5	D 97

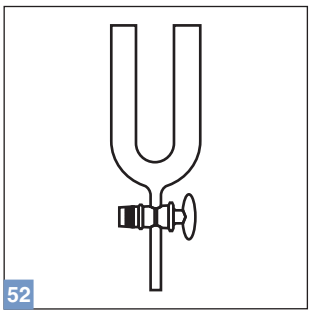
58 gas tube | probeta de gas | éprouvette à gaz

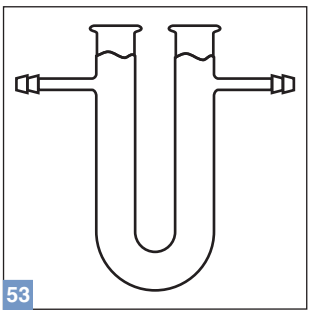
Ref.	Cap. (ml)	Height (mm)
9060014	60	160
9060017	125	185
9060024	125	220
9060018	250	250

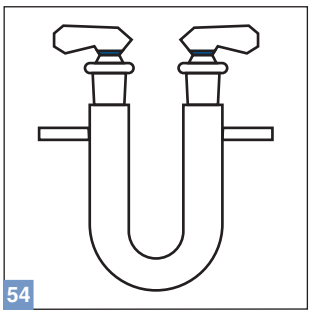
59 **ASTM E 123** - receiver tube | tubo recepción | tube réception

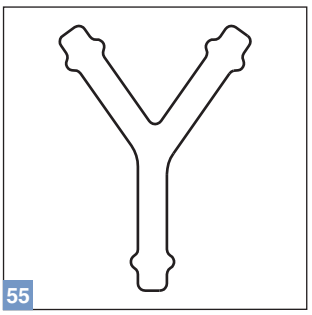
Ref.	Cap. (ml)	IN
64101	10	24/29
64102	25	24/29

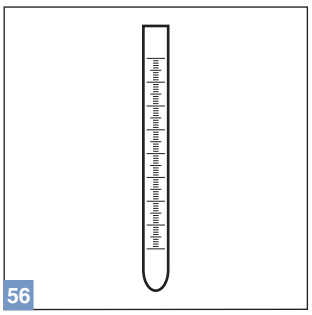


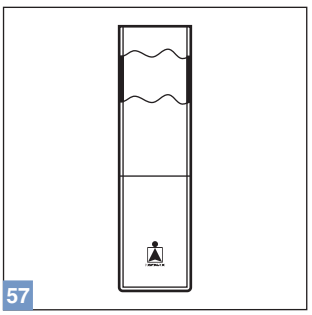


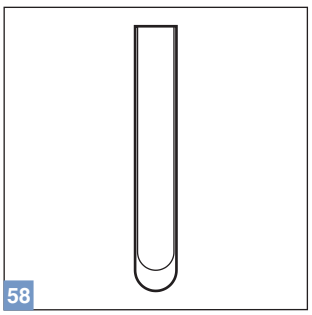


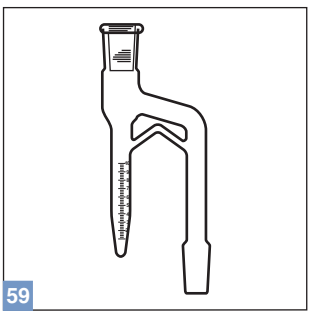


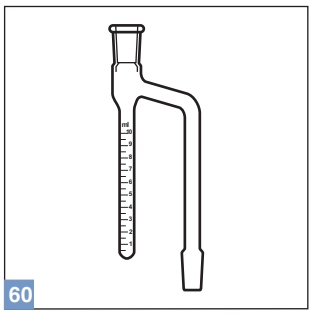


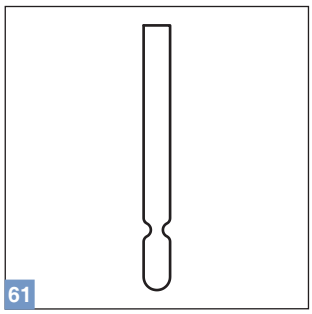


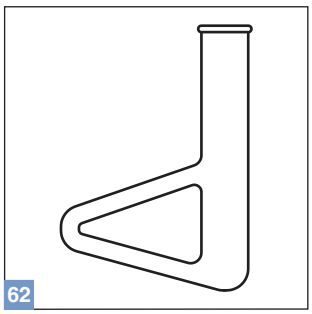


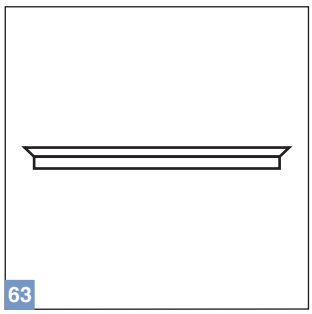


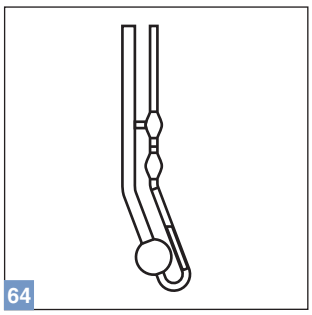


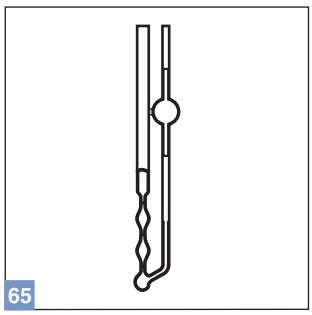

60

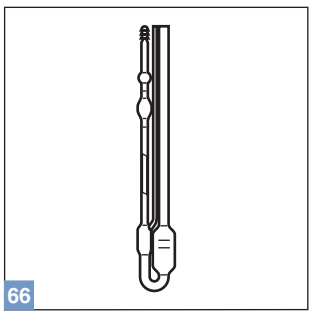

61


62


63


64


65


66

Tube | Tubo | Tube

60 receiver tube, round bottom | tubo recepción, fondo redondo | tube réception, fond rond

Ref.	Cap. (ml)	IN
64301	5	24/29
64302	10	24/29

61 Roux

Ref.	Out. diam. x height (mm)
5614001	22 x 220

62 Thiele

Ref.	Out. diam. x height (mm)	Convection tube diam. (mm)
9065043	26 x 145	10

Pouring ring | Anillos de vertido | Anneau verseur

63 blue | azul | bleu

Ref.	GL
2924219	32
2924228	45

Viscometer | Viscosímetro | Viscosimètre

64 Cannon-Fenske ASTM D 445 + ASTM D 446, ISO 3104 + ISO 3105
for transparent liquids | para liquidos transparentes | pour les liquides transparents

Ref.	Size	Nominal constant	Viscosity range in cSt
S5600050	25	0,002	0,4 - 1,6
S5600051	50	0,004	0,8 - 3,2
S5600052	75	0,008	1,6 - 6,4
S5600053	100	0,015	3 - 15
S5600054	150	0,035	7 - 35
S5600055	200	0,1	20 - 100
S5600056	300	0,25	50 - 200
S5600057	350	0,5	100 - 500
S5600058	400	1,2	240 - 1200
S5600059	450	2,5	500 - 2500
S5600060	500	8	1600 - 8000
S5600061	600	20	4000 - 20000

65 Cannon-Fenske ASTM D 445 + ASTM D 446, ISO 3104 + ISO 3105
for opaque or transparent liquids | para liquidos opacos o transparentes | pour liquides opaques ou transparents

Ref.	Size	Nominal constant	Viscosity range in cSt
S5600065	25	0,002	0,4 - 1,6
S5600066	50	0,004	0,8 - 3,2
S5600067	75	0,008	1,6 - 6,4
S5600068	100	0,015	3 - 15
S5600069	150	0,035	7 - 35
S5600070	200	0,1	20 - 100
S5600071	300	0,25	50 - 200
S5600072	350	0,5	100 - 500
S5600073	400	1,2	240 - 1200
S5600074	450	2,5	500 - 2500
S5600075	500	8	1600 - 8000
S5600076	600	20	4000 - 20000

66 Ubbelohde, ASTM D 445 + ASTM D 446, ISO 3104 + ISO 3105

Ref.	Size	Nominal constant	Viscosity range in cSt
S5600001	0	0,001	0,3 - 1
S5600002	0C	0,003	0,6 - 3
S5600003	0B	0,005	1 - 5
S5600004	1	0,01	2 - 10
S5600005	1C	0,03	6 - 30
S5600006	1B	0,05	10 - 50
S5600007	2	0,1	20 - 100
S5600008	2C	0,3	60 - 300
S5600009	2B	0,5	100 - 500
S5600010	3	1,0	200 - 1000
S5600011	3C	3,0	600 - 3000
S5600012	3B	5,0	1000 - 5000
S5600013	4	10,0	2000 - 10000
S5600014	4C	30,0	6000 - 30000

Viscometer | Viscosímetro | Viscosimètre

67 **Micro-Ubbelohde, 3 ml -** for transparent liquids | para liquidos transparentes | pour les liquides transparents

Ref.	Size	Nominal constant	Viscosity range in cSt
S5600020	I	0,01	0,4 - 6
S5600021	Ic	0,03	1,2 -18
S5600022	II	0,1	4 - 60
S5600023	IIc	0,3	12 - 180
S5600024	III	1,0	40 - 800

68 **BS/IP/RF - "U" tube reverse flow** for opaque liquids | **Tubo en "U" flujo reverso** para liquidos opacos | **"U" tube flux reverse** pour liquides opaques

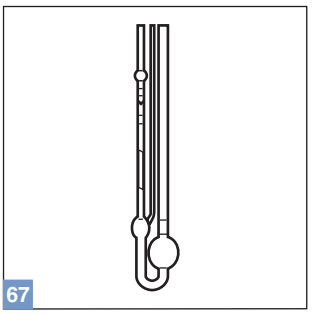
Ref.	Size	Nominal constant	Viscosity range in cSt
S5600025	1	0,003	0,6 - 3
S5600026	2	0,01	2 - 10
S5600027	3	0,03	6 - 30
S5600028	4	0,1	20 - 100
S5600029	5	0,3	60 - 300
S5600030	6	1,0	200 - 1000
S5600031	7	3,0	600 - 3000
S5600032	8	10	2000 - 10000
S5600033	9	30	6000 - 30000
S5600034	10	100	20000 - 100000
S5600035	11	300	60000 - 300000

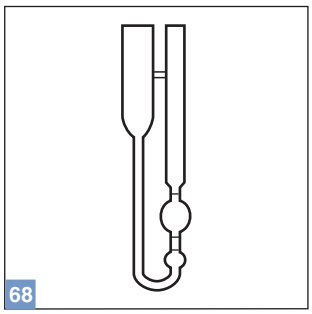
69 **BS - "U" tube | Tubo en "U" | "U" tube** - for transparent liquids | para liquidos transparentes | pour les liquides transparents

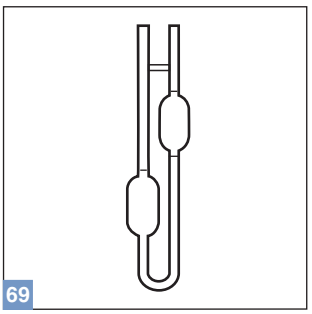
Ref.	Size	Nominal constant	Viscosity range in cSt
S5600036	A	0,003	0,9 - 3
S5600037	B	0,01	2 - 10
S5600038	C	0,03	6 - 30
S5600039	D	0,1	20 - 100
S5600040	E	0,3	60 - 300
S5600041	F	1,0	200 - 1000
S5600042	G	3,0	600 - 3000
S5600043	H	10,0	2000 - 10000

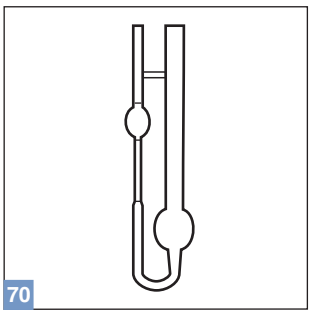
70 **Ostwald pattern** - for transparent liquids | para liquidos transparentes | pour les liquides transparents

Ref.	Size	Nominal constant	Efflux time between ring marks water at 20ºC. (seconds)
S5600044	45	0,022	45
S5600045	85	0,011	85
S5600046	100	0,01	100
S5600047	125	0,008	125










NORMAX
PORTUGAL
1000:10
±5
BORO
ml In 20°C
ISO
A
100

Alfabético

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Suministros Generales
para Laboratorio, S.L.

www.sglab.net
info@sglab.net
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