



Test tubes, with ST-PE-stopper, with round bottom, graduated, made of borosilicate glass

Tubes à essais, en verre borosilicaté à fond rond, gradués, avec bouchon en polyéthylène à rodage normalisé

Outer Ø Ø ext.	Socket Cône femelle	Length Longueur	Capacity Capacité	Order No. N° de code
mm	ST	mm	ml	
13	12/21	100	5 : 0.01	2.582.000
15	12/21	165	10 : 0.1	2.582.001
17	14/23	200	20 : 0.2	2.582.002
17	14/23	220	25 : 0.2	2.582.003
17	14/23	220	25 : 0.5	2.582.004
19	14/23	220	30 : 0.5	2.582.005
17	14/23	180	10 : 0.1	2.582.160
16	14/23	210	20 : 0.2	2.582.210
16	14/23	235	25 : 0.2	2.582.235
12	10/19	100	5 : 0.1	2.582.510
16	14/15	125	10 : 0.2	2.582.525
20	19/17	150	25 : 0.5	2.582.550

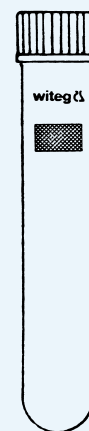


2.582.***

Test tubes, heavy wall 1.2 - 1.4 mm wall thickness, culture tubes for bacteriological purpose, with screw thread, complete with cap and seal, all parts sterilizable, with marking spot, made of Borosilicate glass

Tubes à cultures en verre borosilicaté, à paroi épaisse de 1.2 - 1.4 mm, utilisés en bactériologie, avec col fileté à bouchon à visser en PP avec joint d'étanchéité et entièrement autoclavables

Length x outer Ø Longueur x Ø ext.	Screw thread Filetage	Order No. N° de code
mm	GL	
100 x 13	13	2.583.000
100 x 16	15	2.583.001
150 x 20	18	2.583.006
125 x 16	15	2.583.011
150 x 16	15	2.583.022



2.583.***

Spare parts / Pièces de rechange

Screw cap with seal GL 13 <i>Bouchon à visser en PP avec joint GL 13</i>	2.583.113
Screw cap with seal GL 15 <i>Bouchon à visser en PP avec joint GL 15</i>	2.583.115

Test tubes, with screw-thread and screw cap, top closed, made of Polypropylene (PP), seal made of polyethylene, AR glass, autoclavable

Tubes à essais à filetage en verre de chimie, avec bouchon à visser en PP à joint en polyéthylène, autoclavables

Length x outer Ø Longueur x Ø ext.	Screw thread Filetage	Wall thickness Épaisseur	Order No. N° de code
mm	GL	mm	
100 x 12	14	1	2.585.001
100 x 16	18	1	2.585.002
160 x 16	18	1	2.585.003
180 x 18	18	1	2.585.004



2.585.***

Spare parts / Pièces de rechange

Screw cap GI 18 <i>Bouchon à visser; GL 18</i>	2.583.118
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Test tubes, with screw-thread, with screw cap and PTFE seal, made of borosilicate glass

Tubes à essais à filetage, en verre borosilicaté, équipé d'un bouchon et d'un joint en PTFE

Length x outer Ø Longueur x Ø ext.	Screw thread Filetage	Order No. N° de code
mm	GL	
100 x 12	14	2.586.001
160 x 16	18	2.586.002
180 x 18	18	2.586.003



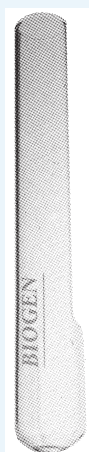
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2.587.**



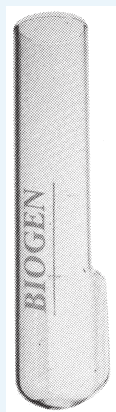
2.588.**



2.589.00*



2.589.1**



2.589.2**

Test tubes, ungraduated, with with ST-PE-stoppers, conical bottom, made of borosilicate glass

Tubes à essais non-gradués, en verre borosilicaté, à fond conique, avec bouchon en polyéthylène à rodage normalisé

Length x outer Ø Longueur x Ø ext. mm	Socket Rodage femelle ST	Order No. N° de code
120 x 17	14/23	2.587.001
155 x 17	14/23	2.587.002

Test tubes, graduated, with ST-PE-stoppers, conical bottom, made of borosilicate glass

Tubes à essais gradués, en verre borosilicaté, à fond conique, avec bouchon en polyéthylène à rodage normalisé

Length x outer Ø Longueur x Ø ext. mm	Socket Cône femelle ST	Capacity Capacité ml	Order No. N° de code
120 x 17	14/23	10 : 0.1	2.588.001
155 x 17	14/23	15 : 0.1	2.588.002

Tissue culture tubes, acc. to Leighton, extra long working area with short overall length, allowing easy entry and removal of cover slip, made of borosilicate glass

Tubes à culture de tissus selon Leighton, en verre borosilicaté, extra long

Length x outer Ø Longueur x Ø ext. mm	Window size Dim. de la fenêtre mm	Cover slide size Dim. de la fermeture mm	Order No. N° de code
85 x 16	11 x 55	10.5 x 22/35/50	2.589.001
95 x 18	14 x 55	13 x 27/54 x 37 18 x 37	2.589.002
110 x 28	22 x 77	18 x 75	2.589.003
150 x 38	27 x 78	25 x 75	2.589.004

Tissue culture tubes, acc. to Leighton, with screw cap, made of borosilicate glass

Tubes à culture de tissus selon Leighton, en verre borosilicaté, avec bouchon à vis

Length x outer Ø Longueur x Ø ext. mm	Window size Dim. de la fenêtre mm	Cover slide size Dim. de la fermeture mm	Screw thread Filetage GL	Order No. N° de code
93 x 16	11 x 55	9 x 22/35/50	18	2.589.101
105 x 18	14 x 55	10.5 x 22/35/50	18	2.589.102
120 x 28	22 x 77	18 x 37/75	32	2.589.103
150 x 35	27 x 78	25 x 75	32	2.589.104
125 x 16	11 x 37	10.5 x 22/35	18	2.589.301
150 x 16	11 x 37	10.5 x 22/35	18	2.589.302

Tissue culture tubes, acc. to Leighton, plain top, made of borosilicate glass

Tubes à culture de tissus selon Leighton, en verre borosilicaté

Length x outer Ø Longueur x Ø ext. mm	Window size Dim. de la fenêtre mm	Cover slide size Dim. de la fermeture mm	Order No. N° de code
125 x 16	11 x 37	10.5 x 22/35	2.589.201
150 x 16	11 x 37	10.5 x 22/35	2.589.202



Separatory funnels
Ampoules à décanter

Separatory funnel, globe (ball) shaped, ungraduated, with detachable PTFE-stopcock and ST-PE-stopper, made of borosilicate glass

Ampoule à décanter, forme sphérique, en verre borosilicaté, non-graduée, avec robinet en Téflon (PTFE) détachable et bouchon en polyéthylène à RN

Capacity <i>Capacité</i> ml	Socket <i>Cône femelle</i> ST	Bore of plug <i>Voie</i> mm	Stem length <i>Tige</i> mm	Order No. <i>N° de code</i>
50	19/26	2.5	100	2.620.050
100	19/26	2.5	100	2.620.100
250	29/32	2.5	100	2.620.250
500	29/32	2.5	100	2.620.500
1000	29/32	2.5	100	2.620.001

Separatory funnel, cylindrical, acc. to DIN 12566, ungraduated, with detachable PTFE-stopcock and ST-PE-stopper, made of borosilicate glass

Ampoule à décanter, forme cylindrique, en verre borosilicaté, non-graduée, avec robinet en Téflon (PTFE) détachable et bouchon en polyéthylène à RN

Capacity <i>Capacité</i> ml	Socket <i>Cône femelle</i> ST	bore of plug <i>Voie</i> mm	Stem length <i>Tige</i> mm	Order No. <i>N° de code</i>
50	19/26	2.5	100	2.622.050
100	19/26	2.5	100	2.622.100
250	29/32	2.5	100	2.622.250
500	29/32	2.5	100	2.622.500
1000	29/32	2.5	100	2.622.001

Separatory funnel, cylindrical, acc. to DIN 12566, graduated, with detachable PTFE-stopcock and ST-PE-stopper, made of borosilicate glass

Ampoule à décanter, forme cylindrique, en verre borosilicaté, graduée, avec robinet en Téflon (PTFE) détachable et bouchon en polyéthylène à RN

Capacity <i>Capacité</i> ml	Socket <i>Cône femelle</i> ST	bore of plug <i>Voie</i> mm	Stem length <i>Tige</i> mm	Order No. <i>N° de code</i>
50 : 1	19/26	2.5	100	2.624.050
100 : 2	19/26	2.5	100	2.624.100
250 : 5	29/32	2.5	100	2.624.250
500 : 10	29/32	2.5	100	2.624.500
1000 : 20	29/32	2.5	100	2.624.001

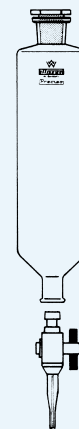
Separatory funnel, Squibb, ungraduated, with detachable PTFE-stopcock and ST-PE-stopper, made of borosilicate glass

Ampoule à brome de Squibb, en forme de poire, en verre borosilicaté, non-graduée, avec robinet en Téflon (PTFE) détachable et bouchon en polyéthylène à RN

Capacity <i>Capacité</i> ml	Socket <i>Cône femelle</i> ST	bore of plug <i>Voie</i> mm	Stem length <i>Tige</i> mm	Order No. <i>N° de code</i>
50	19/26	2.5	100	2.626.050
100	19/26	2.5	100	2.626.100
250	29/32	2.5	100	2.626.250
500	29/32	2.5	100	2.626.500
1000	29/32	2.5	100	2.626.001



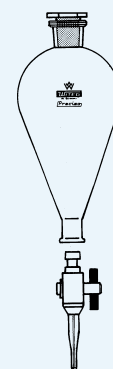
2.620.***



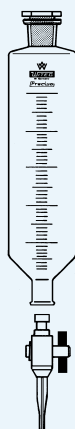
2.622.***



2.624.***



2.626.***



2.628.***

2.634.***

Separatory funnel, cylindrical, graduated, with detachable PTFE-stopcock and ST-joint part, with ST-PE stopper, made of borosilicate glass

Ampoule à décarter, forme cylindrique, en verre borosilicaté, graduée, avec robinet en Téflon (PTFE) détachable et bouchon en polyéthylène à RN

Capacity <i>Capacité</i> ml	Cone / Socket <i>Cône mâle / femelle</i> ST	bore of plug <i>Voie</i> mm	Joint part length <i>Tige</i> mm	Order No. <i>N° de code</i>
25 : 0.5	14/23 - 14/23	2.5	100	2.628.025
50 : 1	14/23 - 14/23	2.5	100	2.628.050
100 : 2	14/23 - 14/23	2.5	100	2.628.100
250 : 5	14/23 - 14/23	2.5	100	2.628.250
50 : 1	19/26 - 19/26	2.5	100	2.630.050
100 : 2	19/26 - 19/26	2.5	100	2.630.100
250 : 5	19/26 - 19/26	2.5	100	2.630.250
500 : 10	19/26 - 19/26	2.5	100	2.630.500
50 : 1	24/29 - 24/29	2.5	100	2.632.050
100 : 2	24/29 - 24/29	2.5	100	2.632.100
250 : 5	24/29 - 24/29	2.5	100	2.632.250
500 : 10	24/29 - 24/29	2.5	100	2.632.500
1000 : 20	24/29 - 24/29	2.5	100	2.632.001
50 : 1	29/32 - 29/32	2.5	100	2.634.050
100 : 2	29/32 - 29/32	2.5	100	2.634.100
250 : 5	29/32 - 29/32	2.5	100	2.634.250
500 : 10	29/32 - 29/32	2.5	100	2.634.500
1000 : 20	29/32 - 29/32	2.5	100	2.634.001

Spare parts / Pièces de rechange

Separate PTFE-stopcock, detachable, bore of plug 2.5 mm <i>Robinet en PTFE détachable, voie de 2,5 mm</i>	2.635.001
Separate cone for dropping funnel, ST 14/23 <i>Cône pour ampoule, RN 14/23</i>	2.635.002
Separate cone for dropping funnel, ST 19/26 <i>Cône pour ampoule, RN 19/26</i>	2.635.003
Separate cone for dropping funnel, ST 24/29 <i>Cône pour ampoule, RN 24/29</i>	2.635.004
Separate cone for dropping funnel, ST 29/32 <i>Cône pour ampoule, RN 29/32</i>	2.635.005
Separate stem for dropping funnel, 200 mm <i>Pointe pour ampoule, 200 mm</i>	2.635.006
Separate stem for dropping funnel, 100 mm <i>Pointe pour ampoule, 100 mm</i>	2.635.007



Multi-Level removal funnel, (Separator) Squibb, with PTFE-outlet valve, permits rapid and selective withdrawal of single or multiple solvent layers, also take-off interface layer possible, made of borosilicate glass

Ampoule à décanter de Squibb (Séparateur) à filetage, en forme de poire, en verre borosilicaté, avec vanne en Téflon (PTFE) et bouchon en polyéthylène à RN. Recommandé pour la sélectivité de couches simples ou multiples de solvants

Capacity Capacité ml	Socket Cône femelle ST	Screw-thread Filetage GL	Order No. N° de code
100	19/26	32	2.636.100
250	29/32	32	2.636.250
500	29/32	32	2.636.500
1000	29/32	45	2.636.001
2000	29/32	45	2.636.002
4000	45/40	45	2.636.004
6000	45/40	45	2.636.006
10000	45/40	45	2.636.010

Spare parts / Pièces de rechange

Glass parts, without PTFE-valve, 100 ml, ST 19/26, GL 32 **2.636.110**
Parties en verre, sans vanne, 100 ml, RN 19/26, GL32

Glass parts, without PTFE-valve, 250 ml, ST 29/32, GL 32 **2.636.125**
Parties en verre, sans vanne, 250 ml, RN 29/32, GL32

Glass parts, without PTFE-valve, 500 ml, ST 29/32, GL 32 **2.636.150**
Parties en verre, sans vanne, 500 ml, RN 29/32, GL32

Glass parts, without PTFE-valve, 1000 ml, ST 29/32, GL 45 **2.636.101**
Parties en verre, sans vanne, 1000 ml, RN 29/32, GL45

Glass parts, without PTFE-valve, 2000 ml, ST 29/32, GL 45 **2.636.102**
Parties en verre, sans vanne, 2000 ml, RN 29/32, GL45

Glass parts, without PTFE-valve, 4000 ml, ST 45/40, GL 45 **2.636.104**
Parties en verre, sans vanne, 4000 ml, RN 45/40, GL45

Glass parts, without PTFE-valve, 6000 ml, ST 45/40, GL 45 **2.636.106**
Parties en verre, sans vanne, 6000 ml, RN 45/40, GL45

Glass parts, without PTFE-valve, 10000 ml, ST 45/40, GL 45 **2.636.110**
Parties en verre, sans vanne, 10000 ml, RN 45/40, GL45

Outlet valve (PTFE) for capacities 100 - 1000 ml **2.636.200**
Vanne en PTFE pour volumes de 100-1000 ml

Outlet valve (PTFE) for capacities 2000 - 10000 ml **2.636.300**
Vanne en PTFE pour volumes de 200-10000 ml

Screw cap GL 32 / *Bouchon à visser GL32* **0.176.032**

Screw cap GL 45 / *Bouchon à visser GL45* **0.176.045**

Separatory funnels, globe shaped, ungraduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter à forme sphérique, non-gradue, en verre borosilicaté avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.640.050
100	19/26	2.5	2.640.100
250	29/32	2.5	2.640.250
500	29/32	2.5	2.640.500
1000	29/32	4.0	2.640.001
2000	29/32	6.3	2.640.002

Separatory funnels, Gilson, with solid ST-stopcock plugs and ST polyethylene stoppers, made of borosilicate glass

Ampoule à décanter de Gilson, à forme sphérique, non-gradue, en verre borosilicaté avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.642.050
100	19/26	2.5	2.642.100
250	29/32	2.5	2.642.250
500	29/32	2.5	2.642.500
1000	29/32	4.0	2.642.001
2000	29/32	6.3	2.642.002



2.636.1**

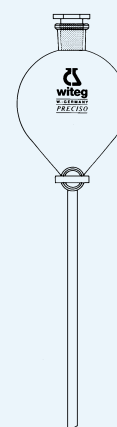


2.636.4**



2.636.200

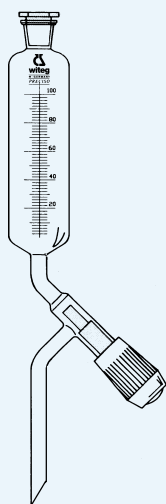
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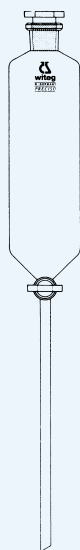
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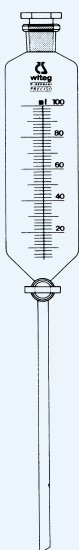
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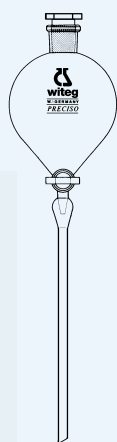
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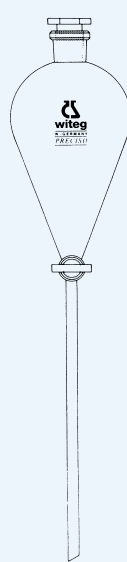
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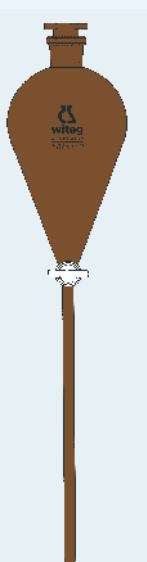
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2.646.***



2.647.***



2.647.*** BR

Separatory funnels, cylindrical, graduated, with Witaflo-needle valve stopcock with PTFE-needle valve, red, made of Borosilicate glass

Ampoule à décanter graduée, forme cylindrique, en verre borosilicaté, avec vanne à aiguille Witaflo en Téflon (PTFE)

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	3.0	2.643.050
100	19/26	3.0	2.643.100
250	29/32	3.0	2.643.250
500	29/32	6.0	2.643.500
1000	29/32	6.0	2.643.001
2000	29/32	6.0	2.643.002

Separatory funnels, cylindrical, ungraduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter non-graduée, forme cylindrique, en verre borosilicaté, avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.644.050
100	19/26	2.5	2.644.100
250	29/32	2.5	2.644.250
500	29/32	2.5	2.644.500
1000	29/32	4.0	2.644.001
2000	29/32	6.3	2.644.002

Separatory funnels, cylindrical, graduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter graduée, forme cylindrique, en verre borosilicaté, avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50 : 1	19/26	2.5	2.645.050
100 : 2	19/26	2.5	2.645.100
250 : 5	29/32	2.5	2.645.250
500 : 10	29/32	2.5	2.645.500
1000 : 20	29/32	4.0	2.645.001
2000 : 50	29/32	6.3	2.645.002

Separatory funnels, Walter, ungraduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter non-graduée de Walther, forme sphérique, en verre borosilicaté, avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.646.050
100	19/26	2.5	2.646.100
250	29/32	2.5	2.646.250
500	29/32	2.5	2.646.500
1000	29/32	4.0	2.646.001
2000	29/32	6.3	2.646.002

Separatory funnels, Squibb, ungraduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of clear borosilicate glass or also amberized available

Ampoule à brome de Squibb, non-graduée, forme conique, en verre borosilicaté clair ou verre brun avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code	Order No. N° de code
50	19/26	2.5	2.647.050 BR	2.647.050
100	19/26	2.5	2.647.100 BR	2.647.100
250	29/32	2.5	2.647.250 BR	2.647.250
500	29/32	2.5	2.647.500 BR	2.647.500
1000	29/32	4.0	2.647.001 BR	2.647.001
2000	29/32	6.3	2.647.002 BR	2.647.002



Separatory funnels, Squibb, graduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à brome de Squibb, graduée, forme conique, en verre borosilicaté avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.648.050
100	19/26	2.5	2.648.100
250	29/32	2.5	2.648.250
500	29/32	2.5	2.648.500
1000	29/32	4.0	2.648.001
2000	29/32	6.3	2.648.002

Separatory funnels, Squibb, graduated, with Economy-needle valve stopcock with PTFE-needle valve, made of borosilicate glass

Ampoule à brome de Squibb, graduée, forme conique, en verre borosilicaté avec vanne à aiguille en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	3.0	2.649.105
100	19/26	3.0	2.649.110
250	29/32	3.0	2.649.125
500	29/32	6.0	2.649.150
1000	29/32	6.0	2.649.200
2000	29/32	6.0	2.649.300

Separatory funnels, globe shaped, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter, forme sphérique, en verre borosilicaté avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.650.050
100	19/26	2.5	2.650.100
250	29/32	2.5	2.650.250
500	29/32	2.5	2.650.500
1000	29/32	4.0	2.650.001
2000	29/32	6.3	2.650.002

Separatory funnels, Gilson, ungraduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

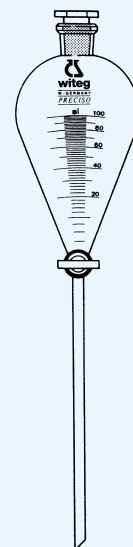
Ampoule à décanter de Gilson, à forme sphérique, en verre borosilicaté avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.652.050
100	19/26	2.5	2.652.100
250	29/32	2.5	2.652.250
500	29/32	2.5	2.652.500
1000	29/32	4.0	2.652.001
2000	29/32	6.3	2.652.002

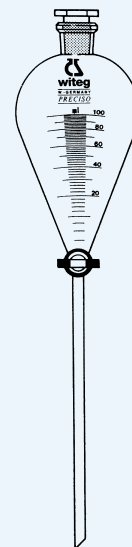
Separatory funnels, cylindrical, ungraduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter non-graduée, forme cylindrique, en verre borosilicaté, avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

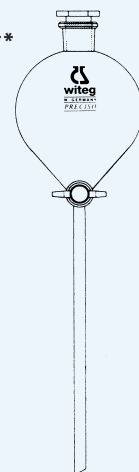
Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.654.050
100	19/26	2.5	2.654.100
250	29/32	2.5	2.654.250
500	29/32	2.5	2.654.500
1000	29/32	4.0	2.654.001
2000	29/32	6.3	2.654.002



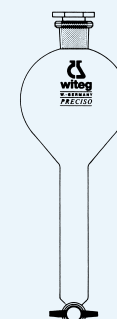
2.648.***



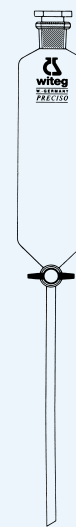
2.649.***



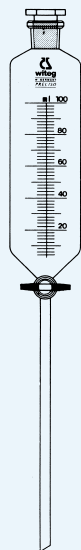
2.650.***



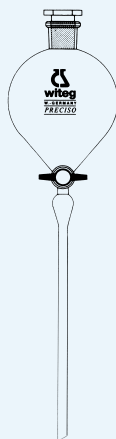
2.652.***



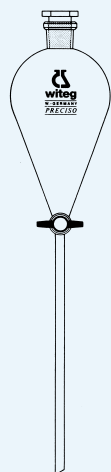
2.654.***



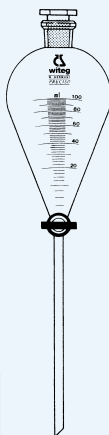
2.655.***



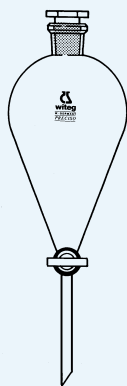
2.656.***



2.658.***



2.659.***



2.671.***



2.671.*** BR

Separatory funnels, cylindrical, graduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter graduée, forme cylindrique, en verre borosilicaté, avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50 : 1	19/26	2.5	2.655.050
100 : 2	19/26	2.5	2.655.100
250 : 5	29/32	2.5	2.655.250
500 : 10	29/32	2.5	2.655.500
1000 : 20	29/32	4.0	2.655.001
2000 : 50	29/32	6.3	2.655.002

Separatory funnels, Walter, ungraduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à décanter non-graduée de Walther, forme sphérique, en verre borosilicaté, avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.656.050
100	19/26	2.5	2.656.100
250	29/32	2.5	2.656.250
500	29/32	2.5	2.656.500
1000	29/32	4.0	2.656.001
2000	29/32	6.3	2.656.002

Separatory funnels, Squibb, ungraduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à brome de Squibb, non-graduée, forme conique, en verre borosilicaté avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.658.050
100	19/26	2.5	2.658.100
250	29/32	2.5	2.658.250
500	29/32	2.5	2.658.500
1000	29/32	4.0	2.658.001
2000	29/32	6.3	2.658.002

Separatory funnels, Squibb, graduated, with ST-PTFE stopcock plugs and ST-PE-stoppers, made of borosilicate glass

Ampoule à brome de Squibb, graduée, forme conique, en verre borosilicaté avec robinet à clé en Téflon (PTFE) et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.659.050
100	19/26	2.5	2.659.100
250	29/32	2.5	2.659.250
500	29/32	2.5	2.659.500
1000	29/32	4.0	2.659.001
2000	29/32	6.3	2.659.002

Separatory funnels, conical shape, acc. to DIN ISO 4800, ungraduated, with solid ST-stopcock plugs and ST-PE-stoppers, made of clear borosilicate glass or also amberized available

Ampoule à décanter, non-graduée, forme conique, en verre borosilicaté clair ou verre brun avec robinet à clé en verre et bouchon en polyéthylène à RN

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code Amber / brun	Order No. N° de code Clear / clair
50	19/26	2.5	2.671.050 BR	2.671.050
100	19/26	2.5	2.671.100 BR	2.671.100
250	29/32	2.5	2.671.250 BR	2.671.250
500	29/32	2.5	2.671.500 BR	2.671.500
1000	29/32	4.0	2.671.001 BR	2.671.001
2000	29/32	6.3	2.671.002 BR	2.671.002



Separatory funnels, conical shape,
acc. to DIN ISO 4800, graduated, with solid
ST-stopcock plugs and ST-PE-stoppers,
made of borosilicate glass

*Ampoule à décarter, graduée, forme conique, en
verre borosilicaté avec robinet à clé en verre et
bouchon en polyéthylène à RN*

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.672.050
100	19/26	2.5	2.672.100
250	29/32	4.0	2.672.250
500	29/32	4.0	2.672.500
1000	29/32	6.3	2.672.001
2000	29/32	6.3	2.672.002

Separatory funnels, conical shape,
acc. to DIN ISO 4800, ungraduated, with
ST-PTFE stopcock plugs and
ST-PE-stoppers, made of borosilicate glass

*Ampoule à décarter, non-graduée, forme
conique, en verre borosilicaté avec robinet à clé en
Téflon (PTFE) et bouchon en polyéthylène à RN*

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.673.050
100	19/26	2.5	2.673.100
250	29/32	4.0	2.673.250
500	29/32	4.0	2.673.500
1000	29/32	6.3	2.673.001
2000	29/32	6.3	2.673.002

Separatory funnels, conical shape,
acc. to DIN ISO 4800, graduated, with ST-
PTFE stopcock plugs and ST-PE-stoppers,
made of borosilicate glass

*Ampoule à décarter, graduée, forme conique, en
verre borosilicaté avec robinet à clé en Téflon
(PTFE) et bouchon en polyéthylène à RN*

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	2.5	2.674.050
100	19/26	2.5	2.674.100
250	29/32	4.0	2.674.250
500	29/32	4.0	2.674.500
1000	29/32	6.3	2.674.001
2000	29/32	6.3	2.674.002

Separatory funnels, conical shape,
ungraduated, with Witaflon-needle valve
stopcock with PTFE-needle valve, made of
borosilicate glass

*Ampoule à décarter, non-graduée, forme
conique, en verre borosilicaté avec vanne à
aiguille Witaflon en Téflon (PTFE) et bouchon en
polyéthylène à RN*

Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	3.0	2.675.050
100	19/26	3.0	2.675.100
250	29/32	3.0	2.675.250
500	29/32	6.0	2.675.500
1000	29/32	6.0	2.675.001
2000	29/32	6.0	2.675.002

Separatory funnels, conical shape,
graduated, with Witaflon-needle valve
stopcock with PTFE-needle valve, made of
borosilicate glass

*Ampoule à décarter, graduée, forme conique, en
verre borosilicaté avec vanne à aiguille Witaflon en
Téflon (PTFE) et bouchon en polyéthylène à RN*

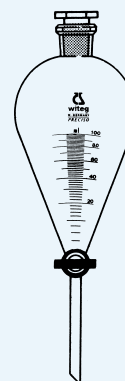
Capacity Capacité ml	Socket Cône femelle ST	Bore of plug Voie de la clé mm	Order No. N° de code
50	19/26	3.0	2.676.050
100	19/26	3.0	2.676.100
250	29/32	3.0	2.676.250
500	29/32	6.0	2.676.500
1000	29/32	6.0	2.676.001
2000	29/32	6.0	2.676.002



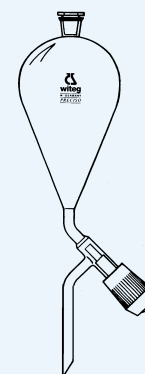
2.672.***



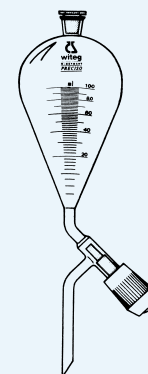
2.673.***



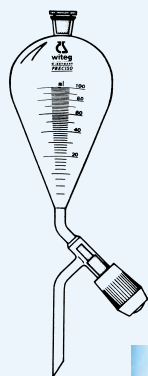
2.674.***



2.675.***



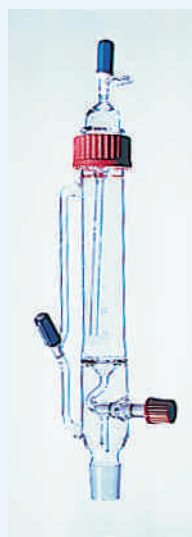
2.676.***



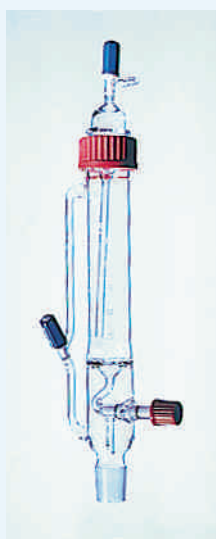
2.677.***



2.680.***



2.685.***



2.686.***

Separatory funnels, conical shape, graduated, with Economy-needle valve stopcock with PTFE-needle valve, with screw-thread and cap, made of borosilicate glass

Ampoule à décarter, graduée, forme conique, en verre borosilicaté avec vanne à aiguille simple en Téflon (PTFE) avec bague de fixation et bouchon en polyéthylène à RN

Capacity Capacité ml	Screw thread Taille GL	Bore of plug Voie de la clé mm	Order No. N° de code
50	25	3.0	2.677.005
100	25	3.0	2.677.010
250	32	3.0	2.677.025
500	32	6.0	2.677.050
1000	32	6.0	2.677.100
2000	45	6.0	2.677.200

Extraction funnels for shakers, with PTFE-needle valve, with filler pipe GL 45, center neck GL 45, made of borosilicate glass

Ampoule d'extraction pour agitateurs, en verre borosilicaté avec vanne à aiguille en Téflon (PTFE) et tube de remplissage avec filetages et bouchons en PP GL45

Capacity Capacité ml	Order No. N° de code
1000	2.680.101
2000	2.680.102

Funnels, constant addition, cylindrical, graduated, with PTFE dosing closing valve, inserted Mariotte tube, thread GL 45 complete with screw cap and gasket made of borosilicate glass

Entonnoir à ajout constant, forme cylindrique graduée, en verre borosilicaté avec vanne de dosage et de fermeture en Téflon (PTFE) et tube de Mariotte

Capacity Capacité ml	Cone / Socket Cône mâle / femelle ST	Order No. N° de code
50 : 1	14/23	2.685.005
100 : 2	14/23	2.685.010
250 : 5	14/23	2.685.025
50 : 1	29/32	2.685.050
100 : 2	29/32	2.685.100
250 : 5	29/32	2.685.250
500 : 10	29/32	2.685.500
1000 : 20	29/32	2.685.001
2000 : 50	29/32	2.685.002

Funnels, constant addition, cylindrical, graduated, with heating and cooling jacket, with PTFE dosing valve, inserted Mariotte tube, thread GL 45 complete with screw cap and gasket made of borosilicate glass

Entonnoir à ajout constant, forme cylindrique graduée, en verre borosilicaté avec manteau de refoiðissement ou de chauffage, vanne de dosage et de fermeture en Téflon (PTFE) et tube de Mariotte

Capacity Capacité ml	Cone / Socket Cône mâle / femelle ST	Order No. N° de code
50 : 1	14/23	2.686.005
100 : 2	14/23	2.686.010
250 : 5	14/23	2.686.025
50 : 1	29/32	2.686.050
100 : 2	29/32	2.686.100
250 : 5	29/32	2.686.250
500 : 10	29/32	2.686.500
1000 : 20	29/32	2.686.001
2000 : 50	29/32	2.686.002



Funnels, constant addition, cylindrical, graduated, with pressure equalizing tube, with PTFE dosing closing valve, inserted Mariotte tube, thread GL 45 complete with screw cap and gasket made of borosilicate glass (also available with heating and cooling jacket)

Entonnoir à ajout constant, forme cylindrique graduée à tubulure, en verre borosilicaté avec vanne de dosage et de fermeture en Téflon (PTFE) et tube de Mariotte, complet avec bouchon de serrage à filetage GL 45. Disponible également avec manteau de chauffage et de refroidissement

Capacity	Cone / Socket	Without heating and cooling jacket	With heating and cooling jacket
Capacité	Cône mâle / femelle	Sans manteau de refroidissement ou de chauffage	Avec manteau de refroidissement ou de chauffage
ml	ST		
50 : 1	14/23	2.687.005	2.688.005
100 : 2	14/23	2.687.010	2.688.010
250 : 5	14/23	2.687.025	2.688.025
50 : 1	29/32	2.687.050	2.688.050
100 : 2	29/32	2.687.100	2.688.100
250 : 5	29/32	2.687.250	2.688.250
500 : 10	29/32	2.687.500	2.688.500
1000 : 20	29/32	2.687.001	2.688.001
2000 : 50	29/32	2.687.002	2.688.002

Safety valve, Friedrichs-Antlinger, with interchangeable valve piston of plastic, detachable, ST 14/23

Vanne de sécurité selon Friedrich-Antlinger, en verre borosilicaté, démontable, à piston de vanne en plastique interchangeable, à RN 14/23

Order No.
N° de code
2.689.000

Safety valve, acc. to Friedrichs-Antlinger small pattern, made of borosilicate glass

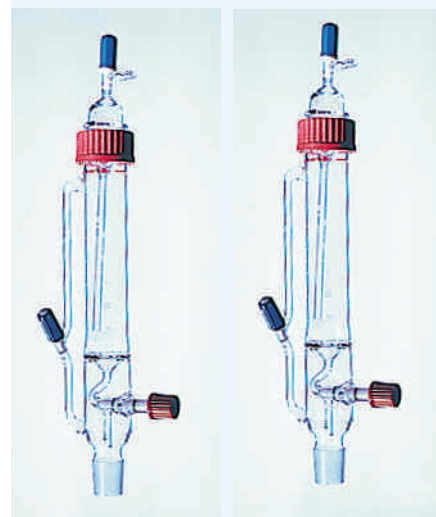
Vanne de sécurité selon Friedrich-Antlinger, en verre borosilicaté

Order No.
N° de code
2.689.100

Pressure relief valves / Non return valves with adjustable spring pressure (max. pressure 0.1 bar) usable also as non return valve (optional with stopcock, bore 3.0 mm)

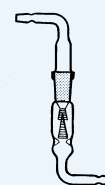
Vannes à pression et anti-retour, avec ressort de régulation de pression (max. 0.1 bar) utilisée également en tant que vanne anti-retour. Disponible aussi avec robinet à voie de 3.0 mm

Cone	Without stopcock	With stopcock
Cône mâle	Sans robinet	Avec robinet
ST		
14.5/23	2.689.214	2.689.314
19/26	2.689.219	2.689.319
29/32	2.689.229	2.689.329
45/40	2.689.245	2.689.345



2.687.***

2.688.***



2.689.000



2.689.100



2.689.3**

Melting point apparatus *Appareils pour point de fusion*

Melting point apparatus, Thiele, with side arms, made of borosilicate glass

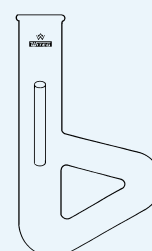
Appareil pour point de fusion Thiele, en verre borosilicaté avec branches sur les extrémités

Order No.
N° de code
2.690.000

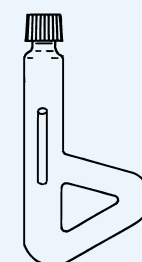
Melting point apparatus, Thiele, with screw cap GL 18 and seal, 16 x 6 mm, with side arms, made of borosilicate glass

Appareil pour point de fusion Thiele, en verre borosilicaté avec branches sur les extrémités et bouchon à visser en PP GL 18

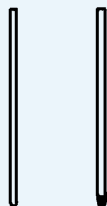
Order No.
N° de code
2.691.000



2.690.***



2.691.***



2.700.***
-
2.702.***

Melting point tubes, length 80mm, outer Ø 1.35 mm, both ends open, made of borosilicate glass, packed 100 pieces

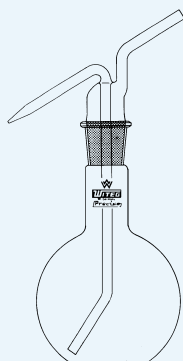
Tubes capillaires pour point de fusion, longueur 80 mm, dia. ext. 1.35 mm, extrémités ouvertes, en verre borosilicaté, en emballage de 100

Order No.
N° de code
2.700.000

Melting point tubes, length 80mm, outer Ø 1.35 mm, one end sealed, made of borosilicate glass, packed 100 pieces

Tubes capillaires pour point de fusion, longueur 80 mm, dia. ext. 1.35 mm, une extrémité scellée, en verre borosilicaté, en emballage de 100

Order No.
N° de code
2.702.000



2.720.***

Wash bottles, complete, made of clear borosilicate glass

Pissette en verre clair borosilicaté, complète

Capacity <i>Capacité</i> ml	Socket <i>Rodagefemelle</i> ST	Order No. <i>N° de code</i>
250	29/32	2.720.250
500	29/32	2.720.500
1000	29/32	2.720.001

Spare parts / Pièces de rechange

Flask, 250 ml, ST 29/32, flat bottom, center neck <i>Ballon à fond plat, 250 ml, RN 29/32</i>	0.614.250
Flask, 500 ml, ST 29/32, flat bottom, center neck <i>Ballon à fond plat, 500 ml, RN 29/32</i>	0.614.500
Flask, 1000 ml, ST 29/32, flat bottom, center neck <i>Ballon à fond plat, 1000 ml, RN 29/32</i>	0.614.001
Still head for washing bottles 250 ml <i>Tête pour ballon de 250 ml</i>	2.722.250
Still head for washing bottles 500 ml <i>Tête pour ballon de 500 ml</i>	2.722.500
Still head for washing bottles 1000 ml <i>Tête pour ballon de 1000 ml</i>	2.722.001

Tubing connectors

Raccords

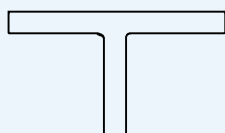


2.860.***

Tubing connector, serrated ends, from 6 to 18 mm, side arms length 120 mm, made of borosilicate glass

Raccord-réducteur à olives en verre borosilicaté, pour tubes de 6 à 18 mm de dia., longueur totale 120 mm

Order No.
N° de code
2.860.000



2.862.***

T-connection tubes, with plain ends, made of borosilicate glass

Raccord en forme de T, en verre borosilicaté, à 3 branches lisses

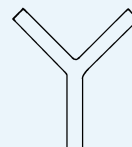
Outer Ø <i>Ø ext.</i> mm	Side arms length <i>Long. de branche</i> mm	Order No. <i>N° de code</i>
6	40	2.862.001
8	45	2.862.002
10	50	2.862.003



Y-connection tubes, with plain ends, made of borosilicate glass

Raccord en forme de Y, en verre borosilicaté, à 3 branches lisses

Outer Ø Ø ext.	Side arms length Long. de branche	Order No. N° de code
mm	mm	
6	40	2.862.011
8	45	2.862.012
10	50	2.862.013



2.862.01*

U-connection tubes, with plain ends, made of borosilicate glass

Raccord en forme de U, en verre borosilicaté, à 3 branches lisses

Outer Ø Ø ext.	Side arms length Long. de branche	Order No. N° de code
mm	mm	
6	40	2.862.021
8	45	2.862.022
10	50	2.862.023

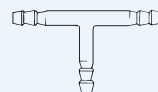


2.862.02*

T-connection tubes, with serrated ends, made of borosilicate glass

Raccord en forme de T à olives, en verre borosilicaté

Outer Ø Ø ext.	Side arms length Long. de branche	Order No. N° de code
mm	mm	
6	40	2.864.001
8	45	2.864.002
10	50	2.864.003

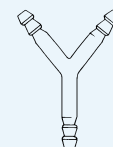


2.864.00*

Y-connection tubes, with serrated ends, made of borosilicate glass

Raccord en forme de Y à olives, en verre borosilicaté

Outer Ø Ø ext.	Side arms length Long. de branche	Order No. N° de code
mm	mm	
6	40	2.864.011
8	45	2.864.012
10	50	2.864.013



2.864.01*

U-connection tubes, with serrated ends, made of borosilicate glass

Raccord en forme de U à olives, en verre borosilicaté

Outer Ø Ø ext.	Side arms length Long. de branche	Order No. N° de code
mm	mm	
6	40	2.864.021
8	45	2.864.022
10	50	2.864.023



2.864.02*

Connection tubes, straight, with serrated ends, made of borosilicate glass

Raccord droit à olives, en verre borosilicaté

Outer Ø Ø ext.	Length Longueur	Wall thickness Epaisseur	Order No. N° de code
mm	mm	mm	
6	115	1.5	2.865.001
8	115	1.5	2.865.002
9	115	1.5	2.865.003
10	115	1.5	2.865.004
11	115	1.5	2.865.005

Connection tubes, straight, with serrated ends, made of Soda-lime glass

Raccord droit à olives, en verre de chimie

Outer Ø Ø ext.	Length Longueur	Wall thickness Epaisseur	Order No. N° de code
mm	mm	mm	
6	115	1.5	2.866.001
8	115	1.5	2.866.002
11	115	1.5	2.866.003



2.866.***



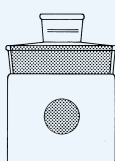
2.865.***



2.868.***



2.870.***



2.872.***



2.873.***



2.880.***

Barometer tube, one side closed, made of borosilicate glass

Tube barométrique, en verre borosilicaté avec une extrémité fermée

Outer Ø Ø ext. mm	Length Longueur mm	Order No. N° de code
8	500	2.868.000

Weighing bottles, tall form, made of borosilicate glass with ST-cover with knob and permanent graduation and measures.

Vases à tare forme haute, en verre borosilicaté avec couvercle rodé à bouton

Capacity Capacité ml	Height Hauteur mm	Outer Ø Ø ext. mm	Order No. N° de code
10	40	25	2.870.005
15	40	30	2.870.006
20	50	30	2.870.007
30	50	35	2.870.008
40	50	40	2.870.009
45	60	40	2.870.010
45	65	40	2.870.011
45	70	35	2.870.012
70	80	40	2.870.013
120	80	50	2.870.014

Weighing bottles, low form, made of borosilicate glass with ST-cover with knob and permanent graduation and measures.

Vases à tare forme basse, en verre borosilicaté avec couvercle rodé à bouton

Capacity Capacité ml	Height Hauteur mm	Outer Ø Ø ext. mm	Order No. N° de code
6	25	25	2.872.001
15	25	40	2.872.002
15	30	30	2.872.003
15	30	35	2.872.004
30	30	50	2.872.005
45	30	60	2.872.006
80	30	80	2.872.008
35	40	40	2.872.009

Plane weighing glass, acc. to Heidbrink, for all weighings in which there is an advantage when the sample is divided in thin layers

Verre de pesée plan selon Heidbrink, pour tous les pesages en particulier lorsque l'échantillon est divisé en couches minces.

Order No. N° de code
2.873.902

Weighing funnels, glass pointed, for weighing of chemicals

Sabots de pesée type entonnoir, en verre, forme pointue, pour produits chimiques

Capacity Capacité ml	Length Longueur mm	Outer Ø Ø ext. mm	Order No. N° de code
1	35	12	2.880.000
3	65	22	2.880.001
6	70	28	2.880.002
10	80	32	2.880.003
30	110	40	2.880.004
60	135	50	2.880.005
170	200	65	2.880.006



Glass scoop, round, with ground edges, made of borosilicate glass

Mains pour poudre, en verre borosilicaté, forme arrondie

Length <i>Longueur</i>	Order No. <i>N° de code</i>
mm	
82	2.880.101
95	2.880.102
137	2.880.103

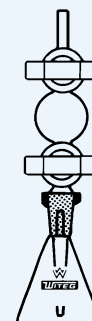


2.880.1**

Weighing pipettes, Lunge-Rey, capacity 10 ml, made of borosilicate glass

Pipette de pesée selon Lunge-Rey, capacité 10 ml, en verre borosilicaté

Complete <i>Complète</i>	Order No. <i>N° de code</i>
	2.882.000

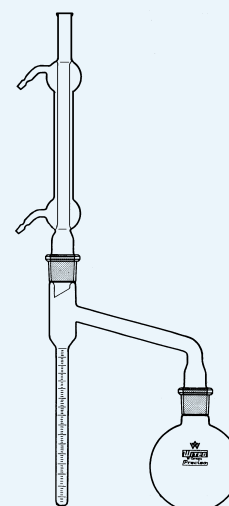


2.882.***

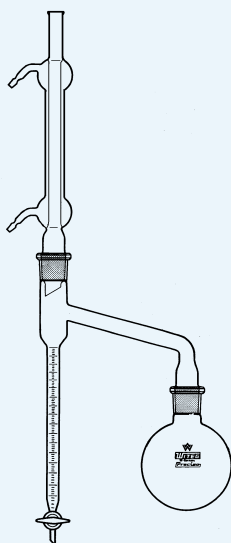
Water estimator acc. to Dean Stark, with flask, round bottom 500ml, ST 29/32. Measuring tube with cone/socket ST 29/32, made of borosilicate glass

Appareil de Dean Stark pour la détermination de la teneur en eau, en verre borosilicaté avec ballon à fond rond de 500 ml, tube de mesure sans robinet et réfrigérant de Liebig à RN 29/32

	Order No. <i>N° de code</i>
Complete with measuring tube without stopcock 2 ml : 0.05 ml <i>Complet avec tube de mesure sans robinet de 2 ml : 0.05 ml</i>	2.890.001
Complete with measuring tube without stopcock 7.5 ml : 0.1 ml <i>Complet avec tube de mesure sans robinet de 7.5 ml : 0.1 ml</i>	2.890.002
Complete with measuring tube without stopcock 10 ml : 0.1 ml <i>Complet avec tube de mesure sans robinet de 10 ml : 0.1 ml</i>	2.890.003
Complete with measuring tube without stopcock 25 ml : 0.2 ml <i>Complet avec tube de mesure sans robinet de 25 ml : 0.2 ml</i>	2.890.004
Spare parts / Pièces de rechange	
Flask, round bottom, 500 ml ST 29/32 <i>Ballon à fond rond de 500 ml RN 29/32</i>	0.603.500
Measuring tube 2 ml : 0.05 ml, without stopcock <i>Tube de mesure sans robinet de 2 ml : 0.05 ml</i>	2.890.006
Measuring tube 7.5 ml : 0.1 ml, without stopcock <i>Tube de mesure sans robinet de 7.5 ml : 0.1 ml</i>	2.890.007
Measuring tube 10 ml : 0.1 ml, without stopcock <i>Tube de mesure sans robinet de 10 ml : 0.1 ml</i>	2.890.008
Measuring tube 25 ml : 0.2 ml, without stopcock <i>Tube de mesure sans robinet de 25 ml : 0.2 ml</i>	2.890.009
Condenser acc. to West, 250 mm jacket length, with cone ST 29/32 <i>Réfrigérant de Liebig de 250 mm. RN 29/32</i>	1.704.250
Sampler tube, length 700 mm <i>Tube à échantillon de 700 mm</i>	2.890.011



2.890.***



2.892.***

Water estimator acc. to Dean Stark, with flask, round bottom 500ml, ST 29/32, measuring tube with cone/socket ST 29/32, made of borosilicate glass

Appareil de Dean Stark pour la détermination de la teneur en eau, en verre borosilicaté avec ballon à fond rond de 500 ml, tube de mesure à robinet et réfrigérant de Liebig à RN 29/32

	Order No. <i>N° de code</i>
Complete with measuring tube 10 ml : 0.1 ml, with stopcock <i>Complet avec tube de mesure à robinet de 10 ml : 0.1 ml</i>	2.892.000
Spare parts / Pièces de rechange	
Flask, round bottom, 500 ml ST 29/32 <i>Ballon à fond rond de 500 ml RN 29/32</i>	2.892.001
Measuring tube 10 ml : 0.1 ml, with stopcock <i>Tube de mesure à robinet de 10 ml : 0.1</i>	2.892.002
Condenser acc. to West, 400 mm jacket length, with cone ST 29/32 <i>Réfrigérant de Liebig à RN 29/32, 400 mm</i>	1.704.400
Sampler tube, length 800 mm <i>Tube à échantillon de 800 mm</i>	2.892.004
Measuring tube 10 ml : 0.1 ml, 0-point at the top <i>Tube de mesure 10 ml : 0.1 ml, 0 en haut</i>	2.892.102
Measuring tube 20 ml : 0.3 ml, with stopcock <i>Tube de mesure à robinet de 20 ml : 0.3 ml</i>	2.892.202
Measuring tube 25 ml : 0.1 ml, 0-point at the top <i>Tube de mesure 25 ml : 0.1 ml, 0 en haut</i>	2.892.152
Measuring tube 25 ml : 0.1 ml, with stopcock <i>Tube de mesure à robinet de 25 ml : 0.1 ml</i>	2.892.252



2.894.***

Apparatus for determination the amount of dilution in crankcase oils of engines when gasoline has been used as fuel acc. to DIN 51565 and ASTM-D322-83, made of borosilicate glass

Appareil pour la détermination de la quantité de dilution dans les huiles de moteur quand le gazoil est utilisé en tant que fuel, selon DIN 51565 et ASTM D322-83, en verre borosilicaté

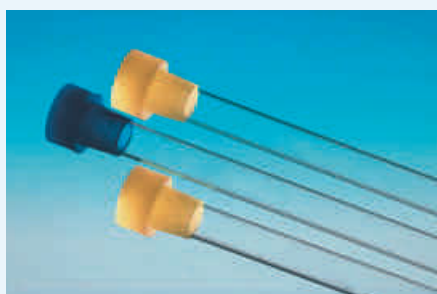
	Order No. <i>N° de code</i>
Complete with measuring tube 3 ml : 0.1 ml <i>Complet avec tube de mesure de 3 ml : 0.1</i>	2.894.001
Complete with measuring tube 5 ml : 0.1 ml <i>Complet avec tube de mesure de 5 ml : 0.1</i>	2.894.101
Complete with measuring tube 12.5 ml : 0.1 ml <i>Complet avec tube de mesure de 12.5 ml : 0.1</i>	2.894.002
Spare parts / Pièces de rechange	
Flask, round bottom, medium neck, 1000 ml ST 29/32 <i>Ballon à fond rond à RN 29/32, 1000 ml</i>	2.894.003
Measuring tube 3 ml : 0.1 ml, with cone and socket ST 29/32 <i>Tube de mesure à RN 29/32 de 3 ml : 0.1</i>	2.894.004
Measuring tube 5 ml : 0.1 ml, with cone and socket ST 29/32 <i>Tube de mesure à RN 29/32 de 5 ml : 0.1</i>	2.894.104
Measuring tube 12.5 ml : 0.1 ml, with cone and socket ST 29/32 <i>Tube de mesure à RN 29/32 de 12.5 ml : 0.1</i>	1.704.400
Condenser acc. to West, 400 mm jacket length, with cone ST 29/32 <i>Réfrigérant de Liebig de 400 mm. RN 29/32</i>	2.894.006
Sampler tube, length 800 mm <i>Tube à échantillon de 800 mm</i>	2.894.007

NMR-Tubes, made of borosilicate glass, length 178 mm. Tubes are free of paramagnetic substances. Available in 2 types

Tubes RMN, en verre borosilicaté, longueur 178 mm. Exempt de substances paramagnétiques. Disponibles en deux versions

1. Standard: Disposable tubes for use in autosampler or for high output
Standard: Tubes à usage unique pour utilisation sur passeur automatique ou pour haut débit
2. Scientific: Reusable tubes and can be washed and sterilized
Scientifique: Tubes réutilisables pouvant être lavés et stérilisés

Outer Ø Ø ext. mm	Inner Ø Ø int. mm	Type Type	Standard pack Conditionnement	Order No. N° de code
4.97 ± 0.05	4.20 ± 0.05	1	250	2.899.001
4.97 ± 0.05	4.20 ± 0.05	2	5	2.899.002



2.899.***



NMR-sample tube washers acc. to Swiegot, complete with 2 PTFE-Adapter to fit 5 cuvettes or NMR-tubes of 5 and 10 mm Ø in different lengths. Vacuum operated washers allowing the individual washing of 1 - 5 tube, complete with caps and FEP capillaries

Laveur de tubes RMN sous vide selon Swiegot, complet avec 2 adaptateurs en téflon pour y loger 5 cuvettes ou 1-5 tubes RMN de 5 et 10 mm de dia. à longueurs diverses, complet avec bouchons à vis et capillaires en FEP

	Order No. N° de code
With ST 29/32 to fit bottles with socket ST 29/32 <i>Avec RN 29/32 pour flacons à RN 29/32</i>	2.900.029
With FA 26 to fit laboratory bottles GL 45 <i>Avec FA 26 pour flacons à col GL 45</i>	2.900.032

Filter pump, acc. to Friedrich-Antlinger, for high performance, with spiral ejector, exhaust speed 400 ml/sec., water flow rate 10 l/mi. 4 bar water pressure, made of borosilicate glass

Trompes à vide selon Friedrich-Antlinger, en verre borosilicaté à haute performance, avec éjecteur à spirale. Vitesse de sortie 400 ml/sec. Débit d'eau 10 L/min. à une pression de 4 bar

Type Type	Order No. N° de code
With hose connection <i>Avec raccord à olive pour tuyau</i>	2.904.000
With screw-thread GL 25 and O-ring gasket, for connecting directly on water tap <i>Avec raccord à vis GL 25 y compris joint d'étanchéité pour liaison directe sur le robinet d'alimentation d'eau</i>	2.905.000

Filter pump, simple model, for a small water flow 1 l/min., 3.5 bar water pressure, made of borosilicate glass

Trompes à vide simple, en verre borosilicaté, pour débit de 1 L/min. à une pression d'eau de 3.5 bar

Type Type	Order No. N° de code
Without non-return valve <i>Sans vanne anti-retour</i>	2.906.000
With non-return valve <i>Avec vanne anti-retour</i>	2.906.001
With GL 25 <i>Avec raccord à vis GL45</i>	2.906.002

Filter pump, simple model, for high performance, water flow 5 l/min., 3.5 bar water pressure, made of borosilicate glass

Trompes à vide simple, en verre borosilicaté, pour débit de 5 L/min. à une pression d'eau de 3.5 bar

Type Type	Order No. N° de code
Without non-return valve <i>Sans vanne anti-retour</i>	2.907.000
With non-return valve <i>Avec vanne anti-retour</i>	2.907.001

Sampling bottles, 125 ml, made of borosilicate glass, with ground cap, for Merck-water analysis

Flacon d'échantillonnage en verre borosilicaté, avec bouchon rodé, cap. 125 ml, pour l'analyse de l'eau Merck

	Order No. N° de code
	2.910.100

Fermentation tubes, graduated, complete with test tube, for Merck-water analysis, made of borosilicate glass

Tube de fermentation gradué en verre borosilicaté, complet avec tube à essai pour l'analyse de l'eau Merck

	Order No. N° de code
	2.910.200



2.900.***



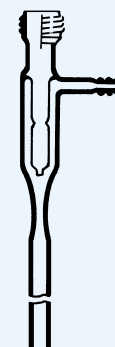
2.904.***



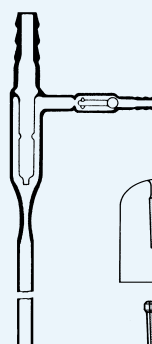
2.905.***



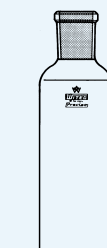
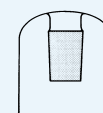
2.906.***



2.906.002



2.907.***



2.910.1**



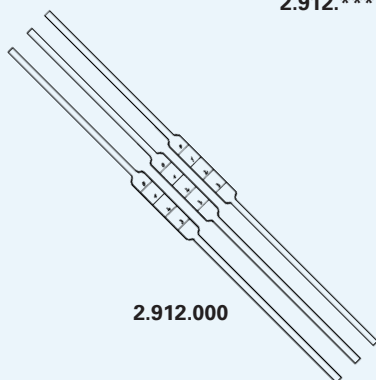
2.910.2**



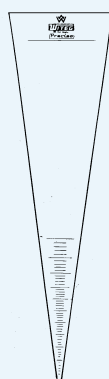
2.911.***



2.912.***



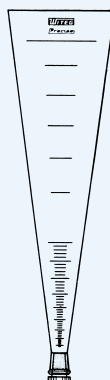
2.912.000



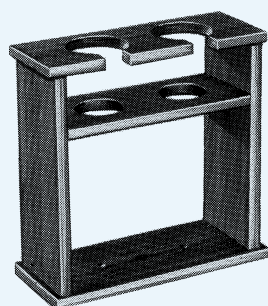
2.930.***



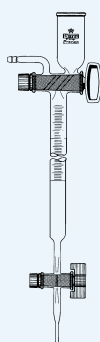
2.936.***



2.938.***



2.939.***



2.970.***

Bottles, Winkler, accurately adjusted capacity, with glass stopper and label, for the BOD determination, made of borosilicate glass

Flacon de Winkler, en verre avec bouchon plat en verre et étiquette, pour la détermination de la DBO

Capacity Capacité ml	Outer Ø Ø ext. mm	Height Hauteur mm	Order No. N° de code
100 - 150	53	103	2.911.100
250 - 300	70	130	2.911.250
500 - 600	87	170	2.911.500

Bottles, Winkler, accurately adjusted capacity, with flat plastic stopper and label for BOD determination, made of borosilicate glass

Flacon de Winkler, en verre avec bouchon plat en plastique et étiquette pour la détermination de la DBO

Capacity Capacité ml	Outer Ø Ø ext. mm	Height Hauteur mm	Order No. N° de code
100 - 150	53	103	2.912.100
250 - 300	70	130	2.912.250
500 - 600	87	170	2.912.500

Set of 3 volumetric pipettes acc. to Winkler 3 different colours, capacity 5 ml, with marks at 0, 1, 2 and 3 ml, made of borosilicate glass

Jeu de 3 pipettes volumétriques de Winkler, de 3 couleurs différentes, cap. 5 ml

Order No. N° de code
2.912.000

Sedimentation cones Imhoff, DIN 12672, capacity 1000 ml, made of borosilicate glass, graduated:
0 - 2 ml : 0.1 ml, 2 - 10 ml : 0.5 ml
10 - 40 ml : 1 ml, 40 - 100 ml : 2 ml

Cônes de sédimentation d'Imhoff en verre borosilicaté, cap. 1000 ml avec graduations: 0-2 ml : 0.1 ml, 2-10 ml : 0.5 ml, 10 - 40 ml : 1 ml, 40 - 100 ml : 2 ml

Order No. N° de code
2.930.000
With mark at 1000 ml, without stopcock <i>Avec trait à 1000 ml, sans robinet</i>
2.932.000
With mark at 1000 ml, with ST-stopcock <i>Avec trait à 1000 ml, avec robinet</i>
2.934.000
With graduations 100 - 1000 ml : 50 ml, without stopcock <i>A graduations 100-1000 ml : 50 ml sans robinet</i>
2.936.000
With graduations 100 - 1000 ml : 50 ml, with ST-stopcock <i>A graduations 100-1000 ml : 50 ml avec robinet</i>
2.936.100
With graduations 100 - 1000 ml : 50 ml, „New version“ with needle valve <i>A graduations 100-1000 ml : 50 ml avec vanne à aiguille</i>
2.938.000
With graduations 100 - 1000 ml : 50 ml, made of SAN, with closure stopper <i>En plexiglas (SAN) avec bouchon de fermeture, graduations 100-1000 ml : 50 ml</i>

Wooden stand, for sedimentation cone Imhoff

Support en bois pour cônes de sédimentation d'Imhoff

Order No. N° de code
2.939.000
2.939.001

Gas burette, 100 ml : 0.2 ml, with resistant DIFFICO graduation, accuracy class A, main point ring graduation, with rising and descending numerical series, capacity 10 ml, with ST-stopcock, double bore, and ST-stopcock, with special screw-thread retaining nut, made of borosilicate glass

Burette à gaz Classe A, en verre borosilicaté avec graduations DIFFICO et robinets interchangeables, capacité 100 ml : 0.2 ml

Type Type	Order No. N° de code
acc. to Bunte / <i>de Bunde</i>	2.970.000
acc. to Tutwiler / <i>de Tutwiler</i>	2.971.000



Gas burette, Hempel, 100 ml : 0.2 ml, with resistant DIFFICO graduation, accuracy class A, main point ring graduation, of iron base, made of borosilicate glass

Burette à gaz de Hempel Classe A, avec graduations DIFFICO et pointe à olive, cap. 100 ml : 0.2 ml, montée sur socle en acier.

Order No.
N° de code
2.972.000

Levelling tube, made of borosilicate glass, of iron base

Tube de nivellement, sur socle en acier

Order No.
N° de code
2.973.000

Gas collecting bubbles, made of rubber

Baudruches de prélèvement de gaz, en caoutchouc

Capacity Capacité L	Order No. N° de code
2	2.973.102
3	2.973.103
5	2.973.105
10	2.973.110

Gas bell, 600 ml : 5 ml, made of borosilicate glass, with resistant DIFFICO graduation, short line graduation, complete with jar and stopcock connector with rubber stopper

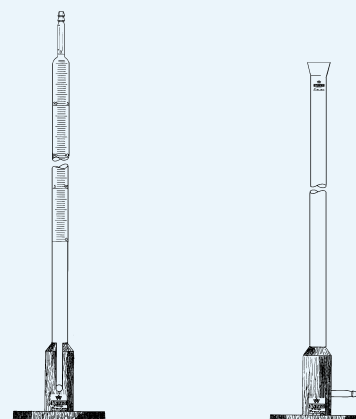
Cloche à gaz graduée, en verre borosilicaté, cap. 600 ml : 5 ml complète avec jarre cylindrique et raccord à 2 robinets avec bouchon en caoutchouc

	Order No. N° de code
Complete / Complète	2.975.000
Spare parts / Pièces de rechange	
Gas bell, graduated 600 ml : 5 ml <i>Cloche à gaz graduée de 600 ml : 5 ml</i>	2.975.001
Jars with round base, 370 x 80 mm <i>Jarre cylindrique, 370x80 mm</i>	2.975.002
Stopcock connector with 2 taps, with rubber stopper <i>Raccord à 2 robinets et bouchon en caoutchouc</i>	2.975.003

Gas bell, 1000 ml : 10 ml, made of borosilicate glass, with resistant DIFFICO graduation, short line graduation, complete with jar and stopcock connector with rubber stopper

Cloche à gaz graduée, de 1000 ml : 10 ml, complète avec jarre cylindrique, raccord à 2 robinets et bouchon en caoutchouc

	Order No. N° de code
Complete / Complète	2.976.000
Spare parts / Pièces de rechange	
Gas bell, graduated 1000 ml : 10 ml <i>Cloche à gaz graduée de 1000 ml : 10 ml</i>	2.976.001
Jars with round base, 400 x 100 mm <i>Jarre cylindrique, 400x100 mm</i>	2.976.002
Stopcock connector with 2 taps, with rubber stopper <i>Raccord à 2 robinets et bouchon en caoutchouc</i>	2.976.003

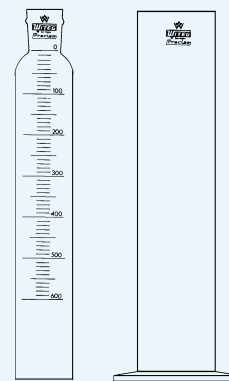
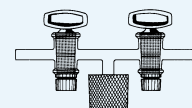


2.972.***

2.973.***

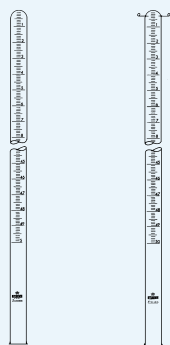


2.973.1**



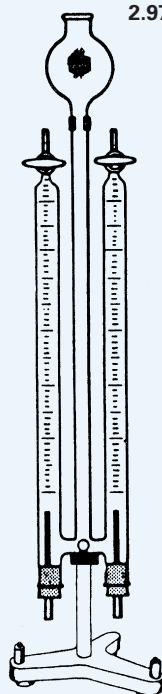
2.975.***

2.976.***

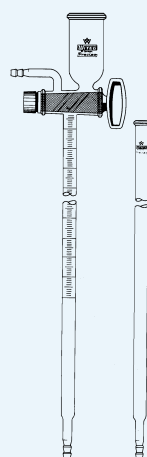


2.978.***

2.979.***



2.980.***



2.982.***



2.984.***

Gas measuring tubes (Eudiometers), without stopcock, with resistant DIFFICO graduation, main point ring graduation, graduated 50 ml : 0.1 ml, made of borosilicate glass

Tubes de mesure à gaz (Eudiomètres) en verre borosilicaté gradué sans robinet, capacité 50 ml : 0.1 ml

Type	Order No.
Type	N° de code
Without electrodes / <i>Sans électrodes</i>	2.978.000
With PT-electrodes / <i>Avec électrodes de platine</i>	2.979.000

Water decomposition apparatus acc. to Hoffmann, made of borosilicate glass, consists of glass part with two parallel tubes, graduated 0 - 80 / 1 / 5 ml. 0-point stopcock with rubber stopper, two electrodes and a metal support

Appareil pour décomposition de l'eau selon Hoffmann, composé d'une partie en verre à 2 tubes parallèles gradués 0 - 80 / 1 / 5 ml avec robinets en haut, bouchons à la base, 2 électrodes et un support en métal

Type	Order No.
Type	N° de code
Complete with platinum electrodes <i>Complet avec électrodes de platine</i>	2.980.000
Complete with coal electrode <i>Complet avec électrodes de carbone</i>	2.980.001
Spare parts / Pièces de rechange	
Glass part / <i>Partie en verre</i>	2.980.002
Platinum electrodes / <i>Electrode de platine</i>	2.980.003
Coal electrodes / <i>Electrode de carbone</i>	2.980.004

Nitrometer, Lunge

Nitromètre de Lunge

Nitrometer, Lunge, made of borosilicate glass, with resistant DIFFICO graduation, main point ring graduation, graduated 50 ml : 0.1 ml, with ST-stopcock, double bore, with screw-thread retaining nut, complete with levelling tube

Nitromètre de Lunge, en verre gradué de 50 ml : 0.1 ml avec robinet interchangeable à vis de fixation, complet avec tube de nivellement

Order No.
N° de code
2.982.000

Gas collecting tubes

Ampoules d'échantillonnage de gaz

Gas collecting tubes, with 2 straight stopcocks, with screw-thread retaining nuts, with marking label, made of borosilicate glass

Ampoules d'échantillonnage de gaz, en verre borosilicaté avec 2 robinets droits à vis de fixation y compris étiquette

Capacity	Solid outer Ø	Solid Length	Overall length	Order No.	Order No.
<i>Capacité</i>	<i>Ø ext.</i>	<i>Longueur utile</i>	<i>Longueur totale</i>	<i>N° de code</i>	<i>N° de code with septum</i>
ml	mm	mm	mm		
150	42	155	250	2.984.150	2.984.150 SEP
350	54	200	300	2.984.350	2.984.350 SEP
500	65	220	330	2.984.500	2.984.500 SEP
1000	85	260	400	2.984.001	2.984.001 SEP



Gas collecting tubes, acc. to DIN 12473, with ST-stopcock and ST-stopcock, Czako, with screw-thread retaining nuts, with marking label, made of borosilicate glass

Ampoules d'échantillonnage de gaz, en verre borosilicaté avec un robinet droit et un robinet type Czako, y compris étiquette

Capacity Capacité	Solid outer Ø Ø ext.	Solid Length Longueur utile	Overall length Longueur totale	Order No. N° de code	Order No. N° de code
ml	mm	mm	mm		with septum
150	42	155	250	2.986.150	2.986.150 SEP
350	54	200	300	2.986.350	2.986.350 SEP
500	65	220	330	2.986.500	2.986.500 SEP
1000	85	260	400	2.986.001	2.986.001 SEP

Gas collecting tubes, acc. to DIN 12473, with 2 stopcocks, Czako, with screw-thread retaining nuts, with marking label, made of borosilicate glass

Ampoules d'échantillonnage de gaz, en verre borosilicaté avec 2 robinet type Czako, y compris étiquette

Capacity Capacité	Solid outer Ø Ø ext.	Solid Length Longueur utile	Overall length Longueur totale	Order No. N° de code	Order No. N° de code
ml	mm	mm	mm		with septum
150	42	155	250	2.988.150	2.988.150 SEP
350	54	200	300	2.988.350	2.988.350 SEP
500	65	220	330	2.988.500	2.988.500 SEP
1000	85	260	400	2.988.001	2.988.001 SEP

Gas sampling tubes „Safety“

Capacity 500 ml, with 2 PTFE-needle valve stopcocks with overtight device and adjustable sealing ring, with 2 SVS-hose connections GL 14, one side with silicone rubber seal (septa), for piercing, complete with screw caps and seals, made of borosilicate glass

Ampoules d'échantillonnage de gaz de sécurité, en verre borosilicaté de capacité 500 ml avec 2 vannes à aiguille en téflon avec joint réglable, 2 raccords SVS pour tuyau GL14, une extrémité avec septum en silicone pour perçage, y compris étiquette

Type Type	Order No. N° de code
1 piece / 1 pièce	2.989.000
6 pieces in transport case / 6 pièces dans malette de transport	2.989.006
1 piece, with safety coating, sterilizable 1 pièce avec protection et autoclavable	2.989.100
6 pieces in transport case with safety coating, sterilizable 6 pièces avec protection, autoclavable dans malette de transport	2.989.106



2.986.***



2.988.***



2.989.***

Gas generators, acc. to Kipp *Générateurs de Kipp*

Gas generators, acc. to Kipp

New model, with 2 screw threads GL 25, 1 screw thread GL 45 and GL 18, with needle valve stopcock with overtight device, with tubulature at bottom, jointless, total grease free, apparatus, complete with safety funnel, with caps and seals, with hole disc, made of sterilizable silicone, 500 ml capacity of middle bulb, made of borosilicate glass

Générateurs de Kipp, nouvelle version en verre borosilicaté avec bouchonnages et raccords à vis en silicone autoclavable, robinet à vanne à aiguille, tubulure à la base et entonnoir à boules de sécurité. Capacité 500 ml

Capacity Capacité	Order No. N° de code
ml	
500	2.989.500
1000	2.989.900



2.989.500



Gas analysis apparatus

Analyseur de gaz

Gas analysis apparatus, Orsat-Fischer, with 1 absorption pipette, filled with glass tubes and copper spirals, with 2 absorption pipettes, filled with glass tubes, for the determination of CO₂, O₂ and CO, in a transport case, complete with sliding doors

Analyseur de gaz Orsat-Fischer pour la détermination du CO₂, O₂ et CO, monté sur bâti portable à portes à glissière, avec une cloche d'absorption remplie de tubes en verre et de serpentins en cuivre et avec 2 cloches d'absorption remplies de tubes en verre



2.990.0**

Type	Order No.
<i>Type</i>	<i>N° de code</i>
Complete / Complet	2.990.000
Spare parts / Pièces de rechange	
Absorption pipette, filled with glass tubes <i>Cloche d'absorption avec tubes en verre</i>	2.990.001
Absorption pipette, filled with glass tubes and copper spirals <i>Cloche d'absorption avec tubes en verre et serpentins en cuivre</i>	2.990.002
Gas burette, 100 ml, graduated 0 - 50 ml : 0.2 ml and 50 - 100 ml : 1 ml, with Schellbach stripe, with water jacket <i>Burette à gaz de 100 ml, graduée 0-50 ml : 0.2 ml et de 50-100 ml : 1 ml avec bande en émail bleu et manteau de refroidissement.</i>	2.990.003
Stopcock manifolds, with 4 ST-stopcocks <i>Distributeur à 4 robinets interchangeables</i>	2.990.004
Levelling bottle, 250 ml <i>Flacon de nivellement, 250 ml</i>	2.990.005
Accessories / Accessoires	
Orsat rubber bulb <i>Baudruche en caoutchouc d'Orsat</i>	2.990.015



2.990.1**

Cuvet washer

Lave-cuvette

Cuvet washers acc. to Swiegot, wash and dry cuvettes, cells, test tubes or small scale volumetric instruments with outer dimensions not larger than approx. 20 mm. Activate flushing by lightly pressing inverted cell onto silicone gasket, complete with laboratory bottle GL 45, 500 ml, complete autoclavable, made of borosilicate glass

Lave-cuvette selon Swiegot, il permet de laver et sécher les cuvettes, les tubes à essais ou autres instruments volumétriques jusqu'à un diamètre extérieur max. de 20 mm. Livré complet avec flacon en verre de 500 ml à raccord à vis GL 45, entièrement autoclavable, en verre borosilicaté



2.990.2**

Type	Order No.
<i>Type</i>	<i>N° de code</i>
Single for 100 ml washing solution <i>Simple pour 100 ml de solution de lavage</i>	2.990.111
Double for 2 x 50 ml washing solution <i>Double pour 2 x 50 ml de solution de lavage</i>	2.990.211



Vacuum sublimation apparatus

Appareil de sublimation sous vide

Vacuum sublimation apparatus. PRECISO. New model. An effective cleansing of many drugs and chemicals which, while being heated, directly pass from the solid state, into the vaporous state without liquifying before and which solidify again when they are cooled correspondingly. The purified sublimate can be easily and completely regained from the conical condenser after the termination of the sublimation process. Vacuum-tight without grease, made of borosilicate glass

Appareil de sublimation sous vide, nouvelle version en verre borosilicaté. Adapté pour les médicaments et produits chimiques. Durant la période de chauffe, passe directement de l'état solide à l'état d'évaporation sans être liquéfié avant et qui se solidifie à nouveau lorsqu'on le refroidit. Etanche au vide et sans graisse

Type <i>Type</i>	Capacity <i>Capacité</i> ml	Order No. <i>N° de code</i>
Micro-apparatus GL 45 <i>Version micro GL 45</i>	25	2.994.001
Semi-micro-apparatus GL 45 <i>Version semi-micro GL 45</i>	100	2.994.002
Macro-apparatus GL 100 <i>Version macro GL 100</i>	1000	2.994.003



2.994.***

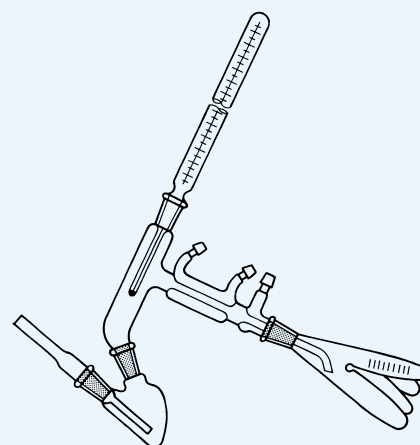
Micro distillation apparatus

Appareil de micro-distillation

Short path distilling apparatus, micro, extremely short mode of construction, made of borosilicate glass, gentle treatment of the distilling material, the receiver flasks can be easily emptied by a pipette

Appareil de micro-distillation à trajet court, en verre borosilicaté. Le flacon récepteur peut être vidé à l'aide d'une pipette

Type <i>Type</i>	Order No. <i>N° de code</i>
Complete / <i>Complet</i>	2.996.000
Spare parts / Pièces de rechange	
Flask, pear shaped, 2 x ST 14/23, 10 ml <i>Fiolle piriforme à 2 RN 14/23, 10 ml</i>	2.996.001
Short path distilling link with condenser, 3 x ST 14/23 <i>Raccord de distillation avec réfrigérant à 3 RN 14/23</i>	2.996.002
Thermometer -10 to +250 °C : 1 °C, ST 14/23 <i>Thermomètre -10/+ 250°C : 1°C, RN 14/23</i>	2.996.003
Air leak tube, ST 14/23 / <i>Tube à air, RN 14/23</i>	2.996.004
Receiver with 4 test tubes, 3 ml : 0.5 ml <i>Collecteur à 4 tubes gradués de 3 ml : 0.5 ml</i>	2.996.005
Clip for joint, ST 14/23 7 <i>Bague de fixation pour RN 14/23</i>	2.996.006
Accessories / Accessoires	
Fractionating column acc. to Vigreux 200 mm length, 2 x ST 14/23 <i>Colonne de fractionnement de Vigreux, 200 mm, 2 RN 14/23</i>	2.996.007



2.996.***



Burettes

Burettes

Burettes class B, short line graduation acc. to DIN EN ISO 385.

Amber stain graduations and inscriptions „DIFFICO“, resistant to alkalis and acids and abrasion with beaded rims which have considerable mechanical strength. All plugs with screw thread retaining nuts. Calibrated to deliver, made of DURAN.

Delivery time 35 - 60 s, without waiting time

Burettes graduées classe B selon DIN 12700 (ISO/R385)

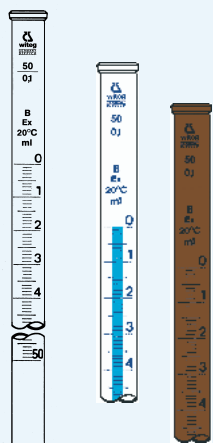
en verre borosilicaté, graduations et inscriptions en couleur brun à haute résistance chimique, bord évasé et robinet avec vis de fixation.

Temps d'écoulement 35-60 sec., sans attente.

En verre borosilicaté

Burette tubes class B, short line graduation, to fuse on, made of clear borosilicate glass

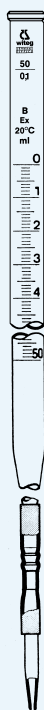
Burettes droites graduées classe B, tube seul en verre clair borosilicaté, sans robinet



3.000.***

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3.004.***



3.002.**1

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.050
10	0.02	± 0.03	3.000.100
25	0.05	± 0.04	3.000.250
50	0.10	± 0.08	3.000.500
100	0.20	± 0.15	3.000.900

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.050
10	0.02	± 0.03	3.002.100
25	0.05	± 0.04	3.002.250
50	0.10	± 0.08	3.002.500
100	0.20	± 0.15	3.002.900

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.050
10	0.02	± 0.03	3.004.100
25	0.05	± 0.04	3.004.250
50	0.10	± 0.08	3.004.500
100	0.20	± 0.15	3.004.900

Burettes class B, with tip, rubber and tubing, Schellbach blue line, made of borosilicate glass

Burettes droites graduées classe B, en verre avec bande en émail bleu, sans robinet, avec embout, caoutchouc et tube

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.051
10	0.02	± 0.03	3.002.101
25	0.05	± 0.04	3.002.251
50	0.10	± 0.08	3.002.501
100	0.20	± 0.15	3.002.901



Burettes class B, short line graduation, with straight stopcock, with solid ST-glass-plug, made of clear borosilicate glass

Burettes droites graduées classe B, en verre clair borosilicaté et robinet à clé en verre interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.052
10	0.02	± 0.03	3.000.102
25	0.05	± 0.04	3.000.252
50	0.10	± 0.08	3.000.502
100	0.20	± 0.15	3.000.902

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.052
10	0.02	± 0.03	3.002.102
25	0.05	± 0.04	3.002.252
50	0.10	± 0.08	3.002.502
100	0.20	± 0.15	3.002.902

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.052
10	0.02	± 0.03	3.004.102
25	0.05	± 0.04	3.004.252
50	0.10	± 0.08	3.004.502
100	0.20	± 0.15	3.004.902

Burettes class B, short line graduation, with straight stopcock, with PTFE-plug, made of clear borosilicate glass

Burettes droites graduées classe B, en verre clair borosilicaté et robinet à clé en Téflon (PTFE) interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.053
10	0.02	± 0.03	3.000.103
25	0.05	± 0.04	3.000.253
50	0.10	± 0.08	3.000.503
100	0.20	± 0.15	3.000.903

Schellbach blue line

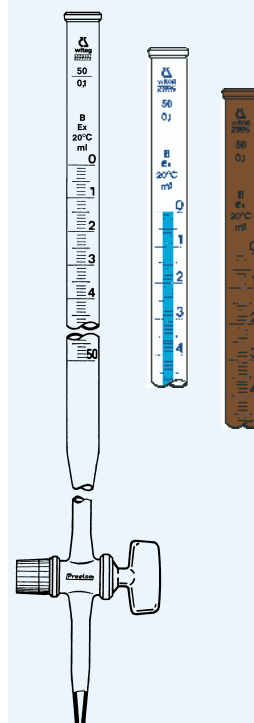
Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.053
10	0.02	± 0.03	3.002.103
25	0.05	± 0.04	3.002.253
50	0.10	± 0.08	3.002.503
100	0.20	± 0.15	3.002.903

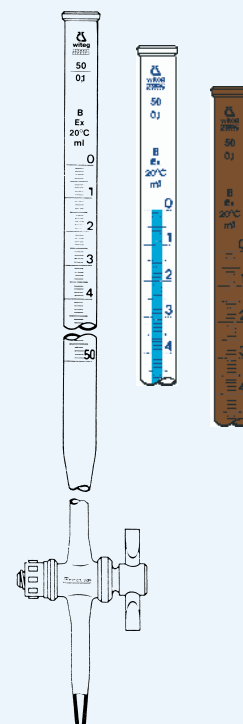
Amber glass

En verre brun borosilicaté

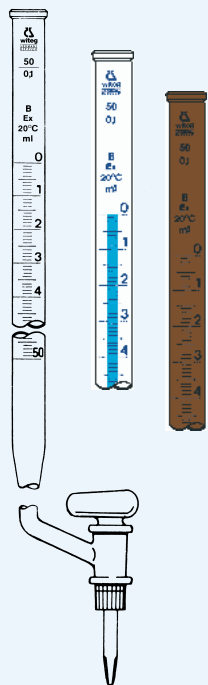
Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.053
10	0.02	± 0.03	3.004.103
25	0.05	± 0.04	3.004.253
50	0.10	± 0.08	3.004.503
100	0.20	± 0.15	3.004.903



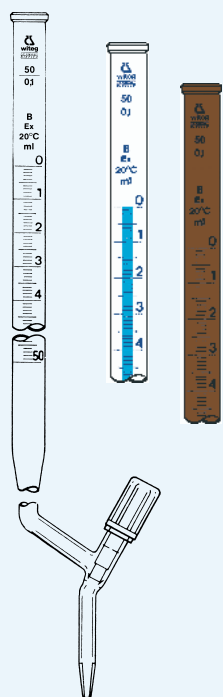
3.002.**2
-
3.004.**2



3.000.**3
-
3.004.**3



3.002.**4
-
3.004.**4



3.002.**5
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3.004.**5

Burettes class B, short line graduation, with lateral stopcock, with solid ST-glass-plug, made of clear borosilicate glass

Burettes graduées classe B, en verre clair borosilicaté avec robinet latéral à clé en verre interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.054
10	0.02	± 0.03	3.000.104
25	0.05	± 0.04	3.000.254
50	0.10	± 0.08	3.000.504
100	0.20	± 0.15	3.000.904

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.054
10	0.02	± 0.03	3.002.104
25	0.05	± 0.04	3.002.254
50	0.10	± 0.08	3.002.504
100	0.20	± 0.15	3.002.904

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.054
10	0.02	± 0.03	3.004.104
25	0.05	± 0.04	3.004.254
50	0.10	± 0.08	3.004.504
100	0.20	± 0.15	3.004.904

Burettes class B, short line graduation, with lateral needle valve stopcock, with PTFE-needle valve, with overtwist device, made of clear borosilicate glass

Burettes graduées classe B, en verre clair borosilicaté à robinet latéral avec vanne à aiguille en téflon interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.055
10	0.02	± 0.03	3.000.105
25	0.05	± 0.04	3.000.255
50	0.10	± 0.08	3.000.505
100	0.20	± 0.15	3.000.905

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.055
10	0.02	± 0.03	3.002.105
25	0.05	± 0.04	3.002.255
50	0.10	± 0.08	3.002.505
100	0.20	± 0.15	3.002.905

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.055
10	0.02	± 0.03	3.004.105
25	0.05	± 0.04	3.004.255
50	0.10	± 0.08	3.004.505
100	0.20	± 0.15	3.004.905



Burettes class B, short line graduation, with two-way stopcock, with ST-glass-plug, made of clear borosilicate glass

Burettes droites graduées classe B, en verre clair borosilicaté avec robinet à 2 voies à clé en verre interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.056
10	0.02	± 0.03	3.000.106
25	0.05	± 0.04	3.000.256
50	0.10	± 0.08	3.000.506
100	0.20	± 0.15	3.000.906

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.056
10	0.02	± 0.03	3.002.106
25	0.05	± 0.04	3.002.256
50	0.10	± 0.08	3.002.506
100	0.20	± 0.15	3.002.906

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.056
10	0.02	± 0.03	3.004.106
25	0.05	± 0.04	3.004.256
50	0.10	± 0.08	3.004.506
100	0.20	± 0.15	3.004.906

Burettes class DIN-B, short line graduation, with straight valve stopcock, with overtight safety, made of clear borosilicate glass

Burettes droites graduées classe DIN-B, en verre clair borosilicaté avec robinet à vanne à aiguille interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.000.057
10	0.02	± 0.03	3.000.107
25	0.05	± 0.04	3.000.257
50	0.10	± 0.08	3.000.507
100	0.20	± 0.15	3.000.907

Schellbach blue line

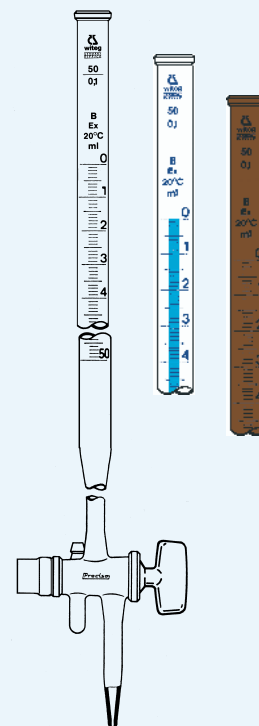
Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.002.057
10	0.02	± 0.03	3.002.107
25	0.05	± 0.04	3.002.257
50	0.10	± 0.08	3.002.507
100	0.20	± 0.15	3.002.907

Amber glass

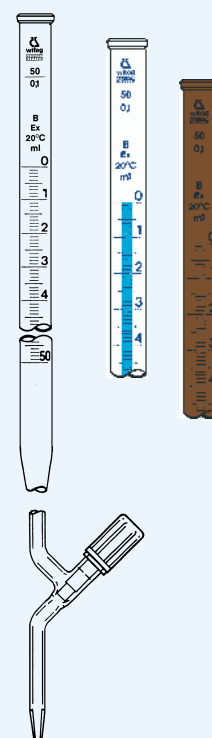
En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.02	3.004.057
10	0.02	± 0.03	3.004.107
25	0.05	± 0.04	3.004.257
50	0.10	± 0.08	3.004.507
100	0.20	± 0.15	3.004.907



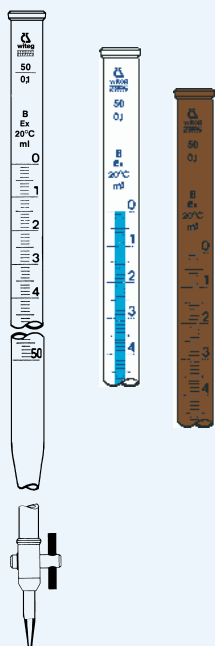
3.002.**6

-
3.004.**6



3.002.**7

-
3.004.**7



3.000.**8

3.004.**8



3.012.**1

Burettes class B, short line graduation, with new detachable PTFE-stopcock (House and plug complete made of PTFE), bore 2.5 mm, with O-ring gasket and interchangeable glass tip, made of clear borosilicate glass

Burettes droites graduées classe B, en verre clair borosilicaté avec robinet à clé en Téflon (PTFE) et pointe en verre interchangeable avec joint

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
25	0.05	± 0.04	3.000.258
50	0.10	± 0.08	3.000.508
100	0.20	± 0.15	3.000.908

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
25	0.05	± 0.04	3.002.258
50	0.10	± 0.08	3.002.508
100	0.20	± 0.15	3.002.908

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
25	0.05	± 0.04	3.004.258
50	0.10	± 0.08	3.004.508
100	0.20	± 0.15	3.004.908

Spare parts

Pièces de rechange

	Order No. N° de code
PTFE-stopcock, without glass-tip <i>Robinet en téflon, sans pointe en verre</i>	3.004.910
Glass-tip <i>Pointe en verre</i>	3.004.911

Burettes class AS, conformity certified, main point ring-graduation, acc. to DIN EN ISO 385).

Amber stain graduations and inscriptions „DIFFICO“, resistant to alkalis and acids and abrasion with beaded rims which have considerable mechanical strength. All plugs with screw thread retaining nuts. Calibrated to deliver.

Delivery time 35 - 45 s, waiting time 30 s.

Made of DURAN

Burettes graduées classe AS, avec certificat de conformité, selon DIN EN ISO 385.

Graduations en couleur brun à haute résistance chimique, bordure évasée. Toutes les clés de robinets avec vis de fixation.

Temps d'écoulement 35-45 sec., attente 30 sec.

En verre DURAN

Burettes class AS, conformity certified, with tip, rubber and tubing, Schellbach blue line, made of borosilicate glass

Burettes droites graduées classe AS, certifiées conformes, en verre borosilicaté à bande en émail bleu avec pointe en verre, caoutchouc et tube

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.01	3.012.051
10	0.02	± 0.02	3.012.101
25	0.05	± 0.03	3.012.251
50	0.10	± 0.05	3.012.501
100	0.20	± 0.10	3.012.901

Certificates for WITEG Diffico volumetric instruments, please refer to pages 171/1 and 171/2

Pour les Certificats des instruments volumétriques Diffico de WITEG, veuillez svp vous référer aux pages 171/3 et 171/4



Burettes class AS, conformity certified, main point ring graduation, with straight stopcock, with solid ST-glass-plug, made of clear borosilicate glass

Burettes droites graduées classe AS, certifiées conformes, en verre clair borosilicaté avec robinet à clé en verre interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
10	0.02	± 0.02	3.010.102
25	0.05	± 0.03	3.010.252
50	0.10	± 0.05	3.010.502

Schellbach blue line

Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.01	3.012.052
10	0.02	± 0.02	3.012.102
25	0.05	± 0.03	3.012.252
50	0.10	± 0.05	3.012.502
100	0.20	± 0.10	3.012.902

Amber glass

En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
10	0.02	± 0.02	3.014.102
25	0.05	± 0.03	3.014.252
50	0.10	± 0.05	3.014.502

Burettes class AS, conformity certified, main point ring graduation, with straight stopcock, with ST-PTFE-plug, made of clear borosilicate glass

Burettes droites graduées classe AS certifiées conformes, en verre clair borosilicaté avec robinet à clé en téflon interchangeable

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
10	0.02	± 0.02	3.010.103
25	0.05	± 0.03	3.010.253
50	0.10	± 0.05	3.010.503

Schellbach blue line

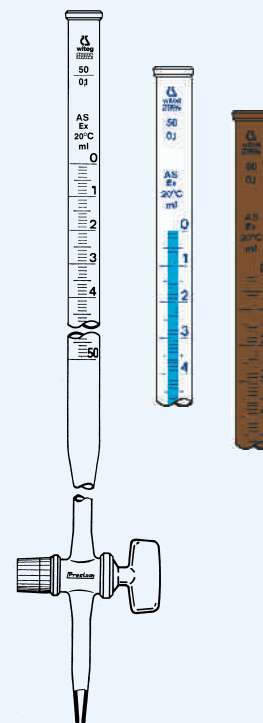
Avec bande en émail bleu (Schellbach)

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
5	0.02	± 0.01	3.012.053
10	0.02	± 0.02	3.012.103
25	0.05	± 0.03	3.012.253
50	0.10	± 0.05	3.012.503
100	0.20	± 0.10	3.012.903

Amber glass

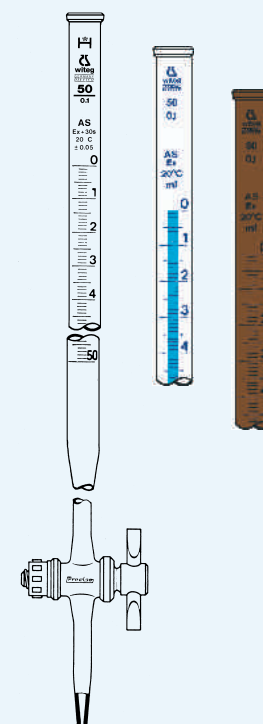
En verre brun borosilicaté

Capacity Capacité ml	Division Division ml	Tolerance Tolérance ml	Order No. N° de code
10	0.02	± 0.02	3.014.103
25	0.05	± 0.03	3.014.253
50	0.10	± 0.05	3.014.503



3.010.**2

3.014.**2



3.010.**3

3.014.**3

**Certificates for WITEG Diffico volumetric instruments,
please refer to pages 171/1 and 171/2**

*Pour les Certificats des instruments volumétriques Diffico de WITEG,
veuillez svp vous référer aux pages 171/3 et 171/4*



DIN EN ISO 9001:2000

**Quality Assurance with
Liquid Handling Products**

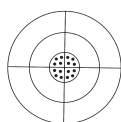
ACCURACY • REPRODUCIBILITY • STANDARD DEVIATION

Accuracy

Is the deviation of mean value from the nominal value related to the nominal value in %.

Reproducibility

(Coefficient of variation) is the standard deviation in % related to the mean value.



Standard deviation

after 16 pump-strokes with the Labmax-Dispenser - the target helps to illustrate the results: all hits are close together - that means:

Good reproducibility

All hits are closely around the nominal value - that means:

Good accuracy.

Warranty

witeg volumetric instruments (liquid handling products) are strictly manufactured in accordance to the quality assurance system defined by ISO 9001
The symbol H certifies the conformity of its production with the official specifications, i.e. the German Rules for Official certification (Eichordnung, Annex 12)



The result:

minute systematic errors, narrow scatters - permissible limits are not exceeded.

TOP PRIORITY for our customers

We wish to be a strong and reliable partner to our customers. We want our customers to be satisfied with us. For that reason we always have an open ear for questions or problems that may occur. That is what counts!

And that you can expect from us:

- high quality level
- fair and competitive prices
- friendly and competent staff
- speedy and professional order processing
- an open ear - even in case of special and small-lot productions
- large stocks of our products

With witeg always a step ahead

witeg develops, manufactures and supplies a wide range of laboratory instruments, made from glass and plastics, as well as Liquid Handling products of highest precision to make the job of our customer easier, faster and safer f.e. with Witeg volumetric measuring instruments - dependable results will only be possible, if the volumetric instruments employed for the sample preparation are equally accurate and reliable.

Conformity certification

• How to recognize the conformity certification?

The instruments carry the symbol of conformity - a stylized "H" as well as the code of the issuer of the conformity certificate. For Disposables the "H" appears on the packaging and/or the accompanying documents.

• What does conformity stand for?

Conformity means compliance of an instrument with the German Rules for Official Certification (Eichordnung, Annex 12). The conformity certification procedure is described by DIN 12 600. The "Exemption from Certification Act" has become obsolete.

• Which instruments must be conformity certified?

The conformity certification is obligatory for the instruments mentioned under "conformity certification according to the Rules for Official Certification" and their volumetrically relevant accessories. Moreover, instruments and accessories belonging together must be clearly identified by the manufacturer. The crucial date is the 1st of January 1989. In the interest of a consistent quality of measurements, older instruments should be replaced by conformity certified instruments as soon as possible.

• Official Certification and Conformity certification

Germany's Rules for Official Certification - valid as of August 12, 1988 - call for a certification of conformity rather than for an official test certificate for volumetric instruments which are kept and used for commercial and pharmaceutical purposes. The same applies for volumetrically relevant accessories.

• Who certifies conformity?

In general, the manufacturer certifies the conformity of his production and - on request - the "Authority of Weights and Measures" as well.

• Who is responsible for enforcing these regulations?

The instrument manufacturer is responsible for the conformity of the instruments, the purchaser for the procuring and availability of conformity certified instruments and the head of the laboratory for their use.

• Conformity certification by witeg

Since the above regulations have come into effect a new symbol is to be found on witeg instruments or their accompanying documents: The **H** stands for conformity certification and for Witeg, Wertheim. The symbol on the instruments may be supplemented by the symbol which refers to the operating manual. These references must be strictly observed. Witeg certifies the conformity for volumetric instruments of glass directly on the instrument, for disposable products on the smallest packing unit, and for Liquid Handling products on the instrument and/or an accompanying documents along with references to volumetrically relevant accessories.

The purpose of conformity certification is, to ensure a uniform and constant high level of quality in the sense of accurate measuring results.

Various terms are used to define measuring accuracy. "Error limit" or "absolute error" (/EL; compare Eichordnung, Annex 12)! Accuracy (A%) and reproducibility (coefficient of variation, CV% or V%). "Accuracy" describes the deviation of the measured value from the nominal value - the smaller A% is - the better. "Reproducibility" describes the repeatability of the result - the smaller CV% is - the better. By agreement - the manufacturer may either state EL, or A% and CV%.

The relation is defined by the following formula: (V_N = Nominal volume)

$$FG [EL] \geq \frac{(R\% [A\%] + 2 V\% [CV\%])}{100 \% } V_N$$

This information is based on DIN 1319 T3 where the basic terms of measuring technology are defined. These values are maximum values.

• Reproducibility and accuracy of Witeg volumetric instruments

The calibration of volumetric instruments is made by modern electronical adjusting automatons.

DIFFICO Graduated Measuring - and Volumetric Pipettes as well as Measuring Cylinders, Volumetric Flasks and Burettes are calibrated fully automatic and permanent checks during the manufacturing processes guarantees the production of volumetric instruments with the smallest possible deviation.

The results are minute systematic errors, narrow scatter without exhausting permissible limits.

witeg volumetric instruments are manufactured to the quality assurance system defined by ISO 9001:2000.



IVD-regulation ...and its meaning for witeg products

The IVD-regulation of the EU

On December 7th 1997 the IVD regulation for in-vitro diagnostics was published and enforced.

Within one year it had to be adopted to the national laws.



What are in-vitro diagnostics

In-vitro diagnostics are medical products which are used in in-vitro tests with samples of human origin including blood and tissue samples.

In-vitro diagnostics are such as reagents, calibration substances or instruments, apparatus, analytical systems or sample vessels if they are specifically recommended for medical samples.

In-vitro diagnostics are used to receive information about

- physiological or pathological conditions
- congenital abnormalities
- therapeutical measures.

What are medical products?

Medical products are all instruments, apparatuses, media or equipment including software which is specifically recommended for application at the human being by the manufacturer.

- For cognition, precaution, test and treatment, alleviation or compensation of sicknesses, injuries or handicaps
- For examinations, substitutions or changes of the anatomic structure or physiological process
- For conception regulation

Not included are pharmacological or immunological media which are regulated in the law governing the manufacture and prescription of drugs.

Certification

The CE symbol on a product confirms that the product is in accordance with the demands of the EU-regulations for this product type and, if necessary, was tested according to the regulations. The manufacturer imprints the symbol at the product and in addition makes out the conformity certificate which confirms the agreement of the product with the corresponding regulations and standards.

witeg supplies only medical products of the in-vitro group IVD, such as Diffico volumetric instruments class A/AS, micro pipets, blood pipets, counting chambers, reaction vessels and liquid handling products like Witopet, Witopet digital, Witopet elect, Witopette and Witopette-Tips, Witoped, Labmax Dispenser and Titrex Digital Buret and pipet tips.

Time scale for the IVD-regulation

- On December 7th 1998 the regulation was enforced
- On June 7th 2000 the regulations will be applied in national laws
- On December 7th 2003 the period of transition for the IVD ends any IVD-products must be indicated with the CE-mark
- Until December 7th 2005, i.e. two years later, all products which were produced before December 7th 2003 but are still in stock at dealers or end-users must be sold out.

Certificates

witeg-Diffico® volumetric instruments

H and batch number

All witeg Diffico volumetric instruments are conformity certified and indicate a digital easy-to-read batch number. They can be supplied with the following certificates:

Quality certificate (Werksprüfzeugnis)

Available as batch or individual certificate. The record is taken in accordance with DIN EN ISO 9001, DIN ISO 10012-1 and ISO 4787. The initial test is made at witeg for any Diffico certified volumetric instrument. The user can just copy the certified data and needs not to establish an initial test.

Batch certificate

All instruments and certificates from the same production batch carry the same batch number. The certificate records the mean value, the standard deviation and the date of issue:

01.08.01 (Batch number)

This certificate is included with any standard pack of witeg Diffico volumetric instruments class A/AS free of charge.

Individual certificate

Instruments and certificates carry in addition to the batch number an individual serial number. The individual volume, the tolerances and the date of issue are recorded:

01.08.0110 (Batch- and individual Serial number)

Please add an „IC“ at the end of the order number to order this certificate.

Conformity certificate

With this mark witeg certifies the conformity of the instrument with the „deutsche Eichordnung“. The mark is printed onto the products in accordance with DIN 12600. All witeg-Diffico volumetric instruments are conformity certified.

Official conformity certificate

With this mark the „deutsche Eichamt“ confirms the conformity with the „deutsche Eichordnung“. The mark is printed onto the products in accordance with DIN 12600. For witeg-Diffico volumetric instruments with official conformity certificate please add an „OC“ at the end of the order number.

Official calibration protocol

The protocol is set up by the „Eichamt“ and acknowledged by many countries. Both, instrument and protocol carry an individual serial number for identification including date of issue. On request witeg-Diffico volumetric instruments are supplied with the official protocol, please add an „OCC“ at the end of the order number.

witeg started immediately to realize the regulations when they were enforced and began already to supply CE-marked equipment. And witeg fulfills already all basic demands for CE-marking of IVD-products. The marking of these products may only start as soon as the legislation is defined finally.

All the other medical products except of IVD-products must already be marked with the CE-mark today.



witeg
GERMANY

DIN EN ISO 9001

*La Précision
réduit
le temps, le coût
et
les problèmes*

witeg

*Les instruments de haute
précision pour votre laboratoire*

**BEST
BUY**