

Standard Cells, Hellma®

① Macro, without lid, Type 6030

Made of optical glass (360 – 2500 nm) and quartz glass type 6030-UV
Outer dimensions H × W: 45 × 12.5 mm

Layer thickness mm	Volume µl	Material	Order No.
10	3500	Optical glass	19 55 10001
20	7000	Optical glass	19 55 10021
40	14000	Optical glass	19 55 10031
50	17500	Optical glass	19 55 10041
10	3500	Quartz glass 6030-UV	19 55 10002

①



② Macro, with lid, Type 100

Made of optical special glass (320 – 2500 nm), quartz glass SUPRASIL® (200 – 2500 nm) or SUPRASIL® 300 (200 – 3500 nm).
Outer dimensions H × W: 45 × 12.5 mm

Layer thickness mm	Vol. µl	Material		
		Opt. special glass Order No.	Quartz glass SUPRASIL® Order No.	SUPRASIL® 300 Order No.
1	350	19 55 11011	19 55 11012	19 55 11014
2	700	19 55 11021	19 55 11022	19 55 11024
5	1750	19 55 11051	19 55 11052	
10	3500	19 55 11101	19 55 11102	19 55 11104
20	7000	19 55 11201	19 55 11202	19 55 11204
40	14000	19 55 11401	19 55 11402	19 55 11404
50	17500	19 55 11501	19 55 11502	19 55 11504
100	35000	19 55 11601	19 55 11602	

②



Macro, with lid, Type 100

Made of optical special glass (320 – 2500 nm), quartz glass SUPRASIL® (200 – 2500 nm) or SUPRASIL® 300 (200 – 3500 nm), **with spectral gauging**.
Outer dimensions H × W: 45 × 12.5 mm

Layer thickness mm	Vol. µl	Material		
		Opt. special glass Order No.	Quartz glass SUPRASIL® Order No.	SUPRASIL® 300 Order No.
1	350	19 55 11015	19 55 11016	19 55 11017
2	700	19 55 11025	19 55 11026	19 55 11027
5	1750	19 55 11055	19 55 11056	–
10	3500	19 55 11105	19 55 11106	19 55 11107
20	7000	19 55 11205	19 55 11206	19 55 11207
40	14000	19 55 11405	19 55 11406	19 55 11407
50	17500	19 55 11505	19 55 11506	19 55 11507
100	35000	19 55 11605	19 55 11606	–

③



③ Macro, with stopper, Type 110

Made of optical special glass (320 – 2500 nm), quartz glass SUPRASIL® (200 – 2500 nm) or SUPRASIL® 300 (200 – 3500 nm). 14000 µl volume and more with 2 stoppers.
Outer dimensions H × W: 46 × 12.5 mm (with stopper 54 mm high)

Layer thickness mm	Vol. µl	Material		
		Opt. special glass Order No.	Quartz glass SUPRASIL® Order No.	SUPRASIL® 300 Order No.
1	350	19 55 12011	19 55 12012	19 55 12014
2	700	19 55 12021	19 55 12022	19 55 12024
5	1750	19 55 12051	19 55 12052	19 55 12054
10	3500	19 55 12101	19 55 12102	19 55 12104
20	7000	19 55 12201	19 55 12202	19 55 12204
40	14000	19 55 12401	19 55 12402	19 55 12404
50	17500	19 55 12501	19 55 12502	19 55 12504
100	35000		19 55 12602	



Macro, with stopper, Type 110

Made of optical special glass (320 – 2500 nm), quartz glass SUPRASIL® (200 – 2500 nm) or SUPRASIL® 300 (200 – 3500 nm), **with spectral gauging**. 14000 µl volume and more with 2 stoppers.

Outer dimensions H × W: 46 × 12.5 mm (with stoppers 54 mm high)

Layer thickness mm	Vol. µl	Material		
		Opt. special glass Order No.	Quartz glass SUPRASIL® Order No.	SUPRASIL® 300 Order No.
1	350	19 55 12015	19 55 12016	19 55 12017
2	700	19 55 12025	19 55 12026	19 55 12027
5	1750	19 55 12055	19 55 12056	19 55 12057
10	3500	19 55 12105	19 55 12106	19 55 12107
20	7000	19 55 12205	19 55 12206	19 55 12207
40	14000	19 55 12405	19 55 12406	19 55 12407
50	17500	19 55 12505	19 55 12506	19 55 12507
100	35000		19 55 12606	

④ Semi-micro, without lid, Type 6040

Made of optical glass (360 – 2500 nm) and quartz glass type 6040-UV

Outer dimensions H × W: 45 × 12.5 mm, inner width 4 mm

Layer thickness mm	Vol. µl	Material	Order No.
10	1400	Optical glass	19 55 10009
10	1400	Quartz glass 6040-UV	19 55 10010

⑤ Semi-micro, with lid, Type 104

Made of optical special glass (320 – 2500 nm), quartz glass SUPRASIL® (200 – 2500 nm) or SUPRASIL® 300 (200 – 3500 nm).

Outer dimensions H × W: 45 × 12.5 mm, inner width 4 mm

Layer thickness mm	Vol. µl	Material	Order No.
10	1400	Optical special glass	19 55 13101
50	7000	OptischesOptical special glass	19 55 13501
10	1400	Quartz glass SUPRASIL®	19 55 13102
50	7000	Quartz glass SUPRASIL®	19 55 13502
10	1400	Quartz glass SUPRASIL® 300	19 55 13104
10	1400	Opt. special glass with spectral gauging	19 55 13105
50	7000	Opt. special glass with spectral gauging	19 55 13505
10	1400	Quartz glass SUPRASIL® with spectral gauging	19 55 13106
50	7000	Quartz glass SUPRASIL® with spectral gauging	19 55 13506
10	1400	Quartz glass SUPRASIL® 300 with spectral gauging	19 55 13107

⑥ Semi-micro, rectangular, black, with lid, Type 104B

Outer dimensions H × W: 45 × 12.5 mm, inner width 4 mm

Light path: 10 mm, vol. 1400 µl

Material	Order No.
Optical special glass (320–2500 nm)	19 55 13601
Quartz glass SUPRASIL® (200–2500 nm)	19 55 13602
Optical special glass with spectral gauging (320–2500 nm)	19 55 13605
Quartz glass SUPRASIL® with spectral gauging (200–2500 nm)	19 55 13606

