

ABSORPTION CELLS

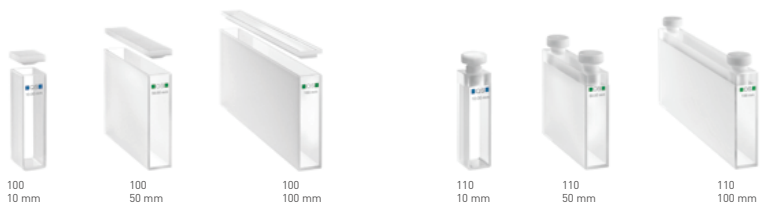
MACRO CELLS

with PTFE lid or stopper

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. µl	ARTICLE NO.	REMARKS
100-OS	1	45 x 12.5 x 3.5	9.5	1.5	350	100-1-20	glass lid glass lid
	2	45 x 12.5 x 4.5	9.5	1.5	700	100-2-20	
	5	45 x 12.5 x 7.5	9.5	1.5	1750	100-5-20	
	10	45 x 12.5 x 12.5	9.5	1.5	3500	100-10-20	
	20	45 x 12.5 x 22.5	9.5	1.5	7000	100-20-20	
	40	45 x 12.5 x 42.5	9.5	1.5	14000	100-40-20	
	50	45 x 12.5 x 52.5	9.5	1.5	17500	100-50-20	
	100	45 x 12.5 x 102.5	9.5	1.5	35000	100-100-20	
100-QS	1	45 x 12.5 x 3.5	9.5	1.5	350	100-1-40	glass lid glass lid
	2	45 x 12.5 x 4.5	9.5	1.5	700	100-2-40	
	5	45 x 12.5 x 7.5	9.5	1.5	1750	100-5-40	
	10	45 x 12.5 x 12.5	9.5	1.5	3500	100-10-40	
	20	45 x 12.5 x 22.5	9.5	1.5	7000	100-20-40	
	40	45 x 12.5 x 42.5	9.5	1.5	14000	100-40-40	
	50	45 x 12.5 x 52.5	9.5	1.5	17500	100-50-40	
	100	45 x 12.5 x 102.5	9.5	1.5	35000	100-100-40	
100-QX	1	45 x 12.5 x 3.5	9.5	1.5	350	100-1-46	glass lid glass lid
	2	45 x 12.5 x 4.5	9.5	1.5	700	100-2-46	
	5	45 x 12.5 x 7.5	9.5	1.5	1750	100-5-46	
	10	45 x 12.5 x 12.5	9.5	1.5	3500	100-10-46	
	50	45 x 12.5 x 52.5	9.5	1.5	17500	100-50-46	
	100	45 x 12.5 x 102.5	9.5	1.5	35000	100-100-46	
110-OS	1	52 x 12.5 x 3.5	9.5	1.5	350	110-1-20	with 2 stoppers
	2	52 x 12.5 x 4.5	9.5	1.5	700	110-2-20	
	5	46 x 12.5 x 7.5	9.5	1.5	1750	110-5-20	
	10	46 x 12.5 x 12.5	9.5	1.5	3500	110-10-20	
	50	46 x 12.5 x 52.5	9.5	1.5	17500	110-50-20	
110-QS	1	52 x 12.5 x 3.5	9.5	1.5	350	110-1-40	from 40 mm with 2 stoppers
	2	52 x 12.5 x 4.5	9.5	1.5	700	110-2-40	
	5	46 x 12.5 x 7.5	9.5	1.5	1750	110-5-40	
	10	46 x 12.5 x 12.5	9.5	1.5	3500	110-10-40	
	20	46 x 12.5 x 22.5	9.5	1.5	7000	110-20-40	
	40	46 x 12.5 x 42.5	9.5	1.5	14000	110-40-40	
	50	46 x 12.5 x 52.5	9.5	1.5	17500	110-50-40	
	100	46 x 12.5 x 102.5	9.5	1.5	35000	110-100-40	
110-QX	1	52 x 12.5 x 3.5	9.5	1.5	350	110-1-46	
	5	46 x 12.5 x 7.5	9.5	1.5	1750	110-5-46	
	10	46 x 12.5 x 12.5	9.5	1.5	3500	110-10-46	

WINDOW MATERIAL

- OG Optical Glass 360 nm – 2500 nm
- OS Special Optical Glass 320 nm – 2500 nm
- QS Quartz Glass High Performance 200 nm – 2500 nm
- QX Quartz Glass Extended Range 200 nm – 3500 nm



MACRO CELLS

with PTFE lid or stopper

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. µl	ARTICLE NO.	REMARKS
402.000-OG	10	40 x 23.6 x 15	18.5	2.5	6000	402-10-10	
	50	40 x 23.6 x 55	18.5	2.5	30000	402-50-10	
404.000-QX	1	47.5 x 23.6 x 7.5	18.5	2.5	700	404-1-46	
	2	47.5 x 23.6 x 7.5	18.5	2.5	1400	404-2-46	
	10	47.5 x 23.6 x 12.5	18.5	2.5	7000	404-10-46	
6030-OG	10	45 x 12.5 x 12.5	9.5	1.5	3500	6030-10-10	
	20	45 x 12.5 x 22.5	9.5	1.5	7000	6030-20-10	
	40	45 x 12.5 x 42.5	9.5	1.5	14000	6030-40-10	
	50	45 x 12.5 x 52.5	9.5	1.5	17500	6030-50-10	
6030-UV	10 (± 0.05)	45 x 12.5 x 12.5	9.5	1.5	3500	6030-UV-10-531	

SEMI-MICRO CELLS

with PTFE lid or stopper

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. µl	ARTICLE NO.	REMARKS
6040-OG	10	45 x 12.5 x 12.5	4	3.2	1400	6040-10-10	
6040-UV	10 (± 0.05)	45 x 12.5 x 12.5	4	3.2	1400	6040-UV-10-531	
104-OS	10	45 x 12.5 x 12.5	4	3.2	1400	104-10-20	
	50	45 x 12.5 x 52.5	4	3.2	7000	104-50-20	
104-QS	5	45 x 12.5 x 7.5	4	3.2	700	104-5-40	
	10	45 x 12.5 x 12.5	4	3.2	1400	104-10-40	
	20	45 x 12.5 x 22.5	4	3.2	2800	104-20-40	
	40	45 x 12.5 x 42.5	4	3.2	5600	104-40-40	
	50	45 x 12.5 x 52.5	4	3.2	7000	104-50-40	
104-QX	10	45 x 12.5 x 12.5	4	3.2	1400	104-10-46	

WINDOW MATERIAL

- OG Optical Glass 360 nm – 2500 nm
- OS Special Optical Glass 320 nm – 2500 nm
- QS Quartz Glass High Performance 200 nm – 2500 nm
- QX Quartz Glass Extended Range 200 nm – 3500 nm
- UV Quartz Glass 260 nm – 2500 nm



ABSORPTION CELLS

SEMI-MICRO CELLS

with PTFE lid or stopper

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. µl	ARTICLE NO.	REMARKS
104B-QS	10	45 x 12.5 x 12.5	4	3.2	1400	104-B-10-40	black side walls and base
108-QS	10	45 x 12.5 x 12.5	4	9	1000	108-000-10-40	
108B-QS	10	45 x 12.5 x 12.5	4	9	1000	108B-10-40	black side walls and base
114-QS	10	46 x 12.5 x 12.5	4	3.2	1400	114-10-20	
114-QS	10	46 x 12.5 x 12.5	4	3.2	1400	114-10-40	
114B-QS	10	46 x 12.5 x 12.5	4	3.2	1400	114B-10-40	black side walls and base

MICRO CELLS

with PTFE lid or stopper

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. µl	ARTICLE NO.	REMARKS
104.002-QS	10	45 x 12.5 x 12.5	2	3.2	700	104-002-10-20	
104.002-QS	10	45 x 12.5 x 12.5	2	3.2	700	104-002-10-40	
104.002B-QS	10	45 x 12.5 x 12.5	2	3.2	700	104002B-10-20	black side walls and base
104.002B-QS	10	45 x 12.5 x 12.5	2	3.2	700	104002B-10-40	black side walls and base
105-QS	10	25 x 12.5 x 12.5	2	1.5	300	105-10-40	
108.002-QS	10	45 x 12.5 x 12.5	2	9	500	108-002-10-40	
108.002B-QS	10	45 x 12.5 x 12.5	2	9	500	108002B-10-40	black side walls and base
115-QS	10	40 x 12.5 x 12.5	2	1.25	400	115-10-40	
115B-QS	10	40 x 12.5 x 12.5	2	1.25	400	115B-10-40	black side walls and base

WINDOW MATERIAL

■ OS ■ Special Optical Glass 320 nm – 2500 nm ■ QS ■ Quartz Glass High Performance 200 nm – 2500 nm



ULTRA-MICRO CELLS

with PE stopper or open with pipette tips

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	CENTER HEIGHT mm	OUTSIDE DIM. H x W x D mm	APERTURE H x W mm	CHAMBER VOL. µl	FILLING VOL. µl	ARTICLE NO.	REMARKS
105.200-QS	10	15	45 x 12.5 x 12.5	8 x 2	160	180	105-200-15-40	
	10	8.5	45 x 12.5 x 12.5	8 x 2	160	180	105-200-85-40	
105.201-QS	10	15	45 x 12.5 x 12.5	5 x 2	100	120	105-201-15-40	
	10	8.5	45 x 12.5 x 12.5	5 x 2	100	120	105-201-85-40	
105.202-QS	10	15	45 x 12.5 x 12.5	2.5 x 2	50	70	105-202-15-40	
	10	8.5	45 x 12.5 x 12.5	2.5 x 2	50	70	105-202-85-40	
105.210-QS	10	15	40 x 12.5 x 12.5	∅ 0.8	5	10	1052101015-40	
	10	8.5	40 x 12.5 x 12.5	∅ 0.8	5	10	1052101085-40	

TRAYCELL® FOR MICRO VOLUME ANALYSIS

105.800-UVS and 105.810-UVS – For more information see pages 36 to 39.

DEMOUNTABLE CELLS WITH SMALL VOLUME

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H x W x D mm	THICKNESS mm	INSIDE WIDTH mm	VOL. µl	ARTICLE NO.	REMARKS
106-QS	0.01 ± 0.003	45 x 12.5	2.5	9	2.6	106-0.01-40	demountable rectangular cells Please order cell holder separately – see article no. 013-000-71
	0.1 ± 0.005	45 x 12.5	2.6	9	26	106-0.10-40	
	0.2 ± 0.005	45 x 12.5	2.7	9	52	106-0.20-40	
	0.5 ± 0.010	45 x 12.5	3	9	130	106-0.50-40	
013.000		55 x 12.5 x 12.5				013-000-71	cell holder for cell type 106

WINDOW MATERIAL

■ QS ■ Quartz Glass High Performance 200 nm – 2500 nm

