

CELLS AND OPTICAL ELEMENTS FOR SPECIAL APPLICATIONS

DYE-LASER CELL

macro, with PTFE stoppers

TYPE/WINDOW MATERIAL	OUTSIDE DIM. H × W × D mm	INSIDE CROSS SECTION mm	VOL. μl	NO. OF WINDOWS	ARTICLE NO.	REMARKS
111.070-QS	46 x 12.5 x 12.5	10 x 10	3500	4	111-070-40	on request with a polished base

CELL WITH TWO CHAMBERS

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H × W × D mm	INSIDE WIDTH mm	BASE THICKN. mm	VOL. μl	ARTICLE NO.	REMARKS
238-QS	2 x 4.375	46 x 12.5 x 12.5	9.5	1.5	2 x 1000	238-000-40	with 2 stoppers



CELLS FOR LIGHT SCATTERING MEASUREMENTS

with PTFE stoppers

TYPE/WINDOW MATERIAL	OUTSIDE DIM. H × DIAMETER mm	INSIDE DIM. H × DIAMETER mm	VOL. μl	ARTICLE NO.	REMARKS
540.110-QS	75 x 10	74 x 8	3200	540-110-80	
540.111-QS	75 x 10	74 x 8	3200	540-111-80	polished outer cylinder
540.135-QS	75 x 20	74 x 18	14000	540-135-20-40	

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

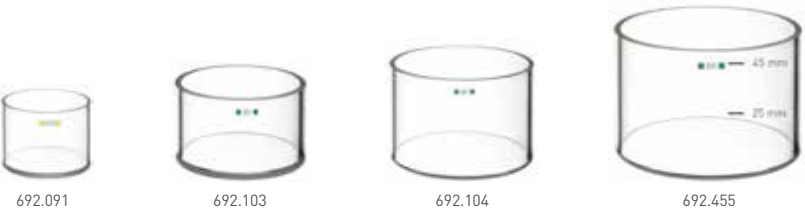


CELLS FOR REFLECTION MEASUREMENTS

cylindrical cells without lid

TYPE/WINDOW MATERIAL	OUTSIDE DIM. H × DIAMETER mm	INSIDE DIM. H × DIAMETER mm	VOL. μl	ARTICLE NO.	REMARKS
692.091-OG	25 x 34	23 x 31.6	12000	692-091-12	
692.103-BF	30 x 50	27.5 x 45	32000	692-103-23	
692.104-BF	40.5 x 60	39 x 55.6	73000	692-104-23	
692.455-BF	52 x 65	50 x 60	110000	692-455-23	acc. to ISO 17223 with markings at 25 mm and 45 mm

WINDOW MATERIAL
■ OG ■ Optical Glass 360 nm – 2500 nm ■ BF ■ Borosilicate Glass 330 nm – 2500 nm



CELLS AND OPTICAL ELEMENTS FOR SPECIAL APPLICATIONS

CELL FOR TURBIDITY MEASUREMENTS

rectangular cell

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H × W × D mm	INSIDE DIM. H × W × D mm	VOL. μl	ARTICLE NO.	REMARKS
402.013-OG	25 x 25	70 x 30 x 30	67 x 25 x 25	35000	402-013-10	25 ml marking, 5 windows

LARGE CELLS

with glass lids

700.000-OG	10 ± 0.2 20 ± 0.2	53 x 55 x 15 53 x 55 x 25	50 x 50 x 10 50 x 50 x 20	20000 40000	700-000-10-10 700-000-20-10	with glass lid
700.010-OG	20 ± 0.2	82 x 44.4 x 24.4	80 x 40 x 20	56000	700-010-20-10	without lid
700.015-OG	28 ± 0.2	35 x 35 x 32	33 x 31 x 28	22000	700-015-10	without lid
700.016-OG	18 ± 0.2	38 x 22 x 22	36 x 18 x 18	10000	700-016-10	without lid
700.061-OG	50 ± 0.5	100 x 150 x 55	96.5 x 143 x 50	600000	700-061-10	without lid
704.000-OG	20 ± 0.2	22.5 x 25 x 25	20 x 20 x 20	6000	704-000-20-10	with glass lid
704.001-OG	30 ± 0.2	32.5 x 35 x 35	30 x 30 x 30	22500	704-001-30-10	with glass lid
704.002-OG	40 ± 0.2	42.5 x 45 x 45	40 x 40 x 40	56000	704-002-40-10	with glass lid
704.003-OG	50 ± 0.5	52.5 x 55 x 55	50 x 50 x 50	88000	704-003-50-10	with glass lid
740.000-OG	34.5 ± 0.2	100 x 50 x 39.5	97 x 44 x 34.5	100000	740-000-10	with markings at 100 ml without lid

WINDOW MATERIAL
OG Optical Glass 360 nm – 2500 nm



OPTICAL PARTS

TYPE/WINDOW MATERIAL	OPTICAL PATH LENGTH mm	OUTSIDE DIM. H × W × D mm	THICKNESS mm	INSIDE WIDTH mm	VOL. μl	ARTICLE NO.	REMARKS
665.000-QS		45 x 12.5	1.25			665-000-40	rectangular window made of Quartz Glass High Performance
665.000-QX		45 x 12.5	1.25			665-000-46	rectangular window made of Quartz Glass Extended Range

TYPE/WINDOW MATERIAL	OUTSIDE-DIAMETER mm	THICKNESS mm	INSIDE-DIAMETER mm	VOL. μl	ARTICLE NO.	REMARKS
202-QS	Ø 22	1.25			202-40	circular window made of Quartz Glass High Performance
202-QX	Ø 22	1.25			202-46	circular window made of Quartz Glass Extended Range

WINDOW MATERIAL
QS Quartz Glass High Performance 200 nm – 2500 nm QX Quartz Glass Extended Range 200 nm – 3500 nm

