



2.2.13. Cells for Measurements in the Infrared Range

macro | with lid or stopper made of PTFE

Catalogue Number	Window Material	Light Path mm	Outside Dim. H x W x D mm	Inside Width mm	Base Thickn. mm	Volume μ l	Number of Windows	Remarks
100-QX*	Quartz SUPRASIL 300	1	45 x 12.5 x 3.5	9.5	1.5	350	2	glass lid
		2	45 x 12.5 x 4.5	9.5	1.5	700	2	glass lid
		5	45 x 12.5 x 7.5	9.5	1.5	1750	2	
		10	45 x 12.5 x 12.5	9.5	1.5	3500	2	
		20	45 x 12.5 x 22.5	9.5	1.5	7000	2	
		40	45 x 12.5 x 42.5	9.5	1.5	14000	2	
		50	45 x 12.5 x 52.5	9.5	1.5	17500	2	
		100	45 x 12.5 x 102.5	9.5	1.5	35000	2	
110-QX	Quartz SUPRASIL 300	1	52 x 12.5 x 3.5	9.5	1.5	350	2	
		2	52 x 12.5 x 4.5	9.5	1.5	700	2	
		5	46 x 12.5 x 7.5	9.5	1.5	1750	2	
		10	46 x 12.5 x 12.5	9.5	1.5	3500	2	
		20	46 x 12.5 x 22.5	9.5	1.5	7000	2	
		40	46 x 12.5 x 42.5	9.5	1.5	14000	2	from 40 mm with 2 stoppers
404.000-QX	Quartz SUPRASIL 300	1	47.5 x 23.6 x 3.5	18.5	2.5	700	2	
		2	47.5 x 23.6 x 4.5	18.5	2.5	1400	2	
		5	47.5 x 23.6 x 7.5	18.5	2.5	3500	2	with 2 stoppers
		10	47.5 x 23.6 x 12.5	18.5	2.5	7000	2	
		20	47.5 x 23.6 x 22.5	18.5	2.5	14000	2	

* These cells can also be made with glued windows made of CaF₂ or sapphire (Al₂O₃) if so desired.

semi-micro / with PTFE lids

104-QX	Quartz SUPRASIL 300	10	45 x 12.5 x 12.5	4	3.2	1400	2	
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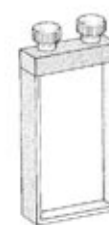
100-QX



110-QX



404.000-QX
1 mm



404.000-QX
5 mm



104-QX

2.2.13. Cells for Measurements in the Infrared Range

macro | cylindrical cells with PTFE stopper

Catalogue Number	Window Material	Light Path mm	Outside \varnothing mm	Inside \varnothing mm	Outside Depth mm	Volume μ l	Remarks
120-QX*	Quartz SUPRASIL 300	10	22	19	12.5	2800	
		20	22	19	22.5	5600	
		50	22	19	52.5	14000	from 50 mm with 2 stoppers
		100	22	19	102.5	28000	

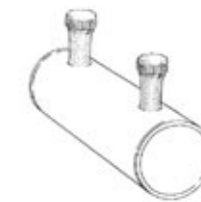
* These cells can also be made with glued windows made of CaF₂ or sapphire (Al₂O₃) if so desired.

polished windows

Catalogue Number	Window Material	Light Path mm	Outside Dim. H x W x D mm	Thickness mm	Outside Diameter mm	Remarks
202-QX	Quartz SUPRASIL 300			1.25	22	
665.000-QX	Quartz SUPRASIL 300		45 x 12.5	1.25		



120-QX
10 mm



120-QX
50 mm



202-QX



665.000-QX