



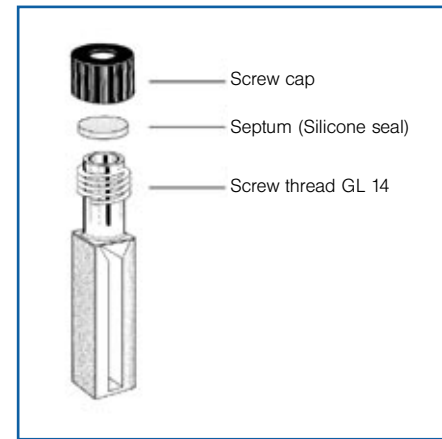
## 2.2.6. Sealable Cells

## 2.2.6. Sealable Cells macro | for anaerobic applications

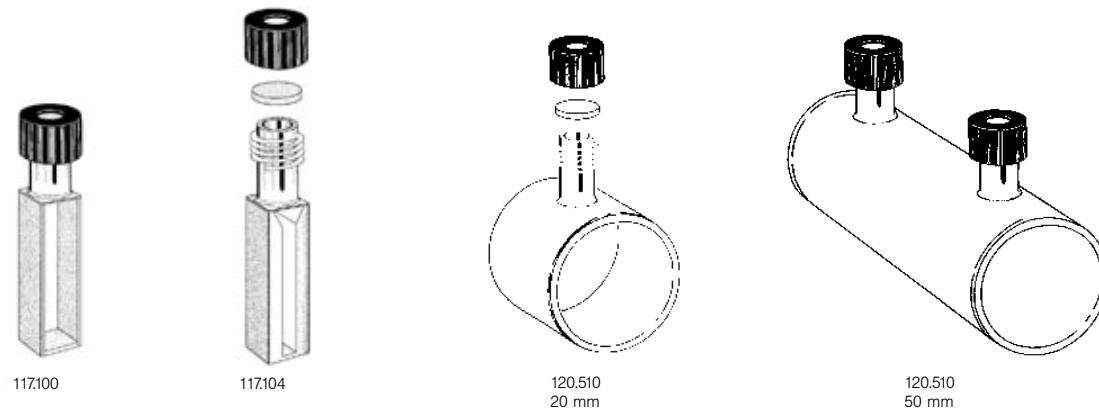
The cells in this series can be sealed airtight, or allow measurements to be made in the absence of air.

The cells of type 117 have a standardised ISO GL 14 glass thread and are sealed with a screw cap. All cells of this group have standard outside dimensions so that they will fit into all standard spectrophotometer cell holders.

Through the combined use of a screw cap with a central hole and a silicone seal (septum), the cell can be filled (with liquids or gases) and emptied by puncturing the septum with the needle of an injection syringe. A cell which is sealed in this manner can withstand pressures of up to 3 bar even after the needle has been removed.



Cell 117.104



Catalogue Number	Window Material	Light Path mm	Outside Dim. H x W x D mm	Inside Width mm	Base Thickn. mm	Volume $\mu$ l	Number of Windows	Remarks
117.100-OS	Special Optical Glass	10	56 x 12.5 x 12.5	9.5	1.5	3500	2	
117.100-QS	Quartz SUPRASIL	10	56 x 12.5 x 12.5	9.5	1.5	3500	2	

## semi-micro | for anaerobic applications

Catalogue Number	Window Material	Light Path mm	Outside Dim. H x W x D mm	Inside Width mm	Base Thickn. mm	Volume $\mu$ l	Number of Windows	Remarks
117.104-QS	Quartz SUPRASIL	10	56 x 12.5 x 12.5	4	1.25	1400	2	

## cylindrical cells with screw thread

Catalogue Number	Window Material	Light Path mm	Outside Dim. $\varnothing$ x T mm	Inside Dim. $\varnothing$ x T mm	Volume $\mu$ l	Number of Windows	Remarks
120.510-QS	Quartz SUPRASIL	20	22 x 22.5	19 x 20	5600	2	
		50	22 x 52.5	19 x 50	14000	2	with two screw necks
		100	22 x 102.5	19 x 100	28000	2	with two screw necks