



HIGH QUALITY CELLS FOR ALL APPLICATIONS

Standard rectangular macro cells are the most frequently-used type of spectroscopy cell for routine liquids analysis. Micro cells have the same outside dimension as the macro cells but the cell walls have been thickened, limiting the interior sample chamber width to 2 mm. This reduces the sample requirements by 80%.

For full details of the properties of Quartz SUPRASIL and Special Optical Glass see UV/Vis Macro Cells.

Macro with PTFE Lid or with PTFE Stopper

Material	Qty.	Light Path	Outside Dim. H x W x D	Inside Width	Base Thickness	Cell Volume	Windows	Part#
with PTFE Lid								
Special Optical Glass	2	10 x 10 mm	45 x 12.5 x 12.5 mm	10 mm	1.25 mm	3.5 mL	4	B0631104
Quartz SUPRASIL	2	10 x 10 mm	45 x 12.5 x 12.5 mm	10 mm	1.25 mm	3.5 mL	4	B0631107
with PTFE Stopper								
Special Optical Glass	2	10 x 10 mm	46 x 12.5 x 12.5 mm	10 mm	1.25 mm	3.5 mL	4	B0631110
Quartz SUPRASIL	2	10 x 10 mm	46 x 12.5 x 12.5 mm	10 mm	1.25 mm	3.5 mL	4	B0631113

Semi-micro with PTFE Lid or PTFE Stopper

Semi-micro cells have the same outside dimensions as the macro cells but the cell walls have been thickened slightly, limiting the interior sample chamber width to 4 mm. This reduces the sample requirements by 60%. Each package contains two cells with two clear windows each.

Material	Qty.	Light Path	Outside Dim. H x W x D	Inside Width	Base Thickness	Cell Volume	Windows	Part#
with PTFE Lid								
Special Optical Glass	2	10 x 4 mm	45 x 12.5 x 12.5 mm	4 mm	1.25 mm	1.4 mL	4	B0631115
Quartz SUPRASIL	2	10 x 4 mm	45 x 12.5 x 12.5 mm	4 mm	1.25 mm	1.4 mL	4	B0631116
with PTFE Stopper								
Special Optical Glass	2	10 x 4 mm	46 x 12.5 x 12.5 mm	4 mm	1.25 mm	1.4 mL	4	B0631117
Quartz SUPRASIL	2	10 x 4 mm	46 x 12.5 x 12.5 mm	4 mm	1.25 mm	1.4 mL	4	B0631118

Fluorescence Cells for Magnetic Stirrers

Material	Qty.	Light Path	Outside Dim. H x W x D	Inside Width	Base Thickness	Cell Volume	Windows	Part#
Macro/Semi-micro								
Quartz SUPRASIL	1	4 x 4 mm	45 x 12.5 x 12.5 mm	4 mm	4.5 mm	500 µL	4	B0631132
Magnetic Stirrer Fleas	6							04978499