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Low Cost Optical Cells for Color Measurement Spectrophotometers

SGI's low cost optical cell is perfect for colorimeter test spectrophotometers in the 400 to 700 nm spectral range. The SGI optical cells manufactured from mandrel formed borosilicate rectangular tubing. All sides are fused, not glued, allowing the cell to be used with solvents, acids or air sensitive chemicals which attack epoxies in glued cells.

Virgin Teflon lids, screw threads with Teflon lined caps or glass stoppered tops for air sensitive materials are available. These low cost cells offer highly reproducible and repeatable results from cell lot to cell lot, but at an economical price.

The sizes listed below are a small sample of the sizes available. Just contact SGI for your custom size, application or closure.

All of the below listed cells can have opposing sides optically polished to improve reproducibility from cell to cell. Please add \$45.00 to below prices for optical polishing of each cell and add a "GP" suffix to the part number.

Stock No.	Size D x W x H ID in mm	Closure Type		Stock No.	Size D x W x H in mm	Closure and description	More
29260-0010	10 x 40 x 40	Open Cell, no top		29260-0033	20 x 40	Teflon lid only	
29260-0011	10 x 40 x 40	6 cells or more		26260-0035	20 x 40 x 50	Cell with screw thread	24-400 GPI Thread 75 mm overall height
29260-0015	10 x 40 x 40	Teflon lid only		29260-0037	20 x 40 x 50	Cell with #13 Stoppered Top	80 mm overall height
29260-0020	10 x 40 x 50	Open cell, no top		23001-13	#13 PTFE Stopper Only		
29260-0021	10 x 40 x 50	6 Cells or more		29260-0039	20 x 40 x 80	Cell with Open Top	
29260-0025	10 x 40 x 50	#13 Stoppered Top	80 mm overall height	26260-0043	20 x 40 x 100	Cell with Open Top	
23000-13		#13 Penny head Pyrex stopper only		26260-0045	20 x 40 x 200	Cell With Open Top	
29260-0027	10 x 40 x 50	Threaded top with cap	75 mm overall height	29260-0047-SPC	20 x 50 x 85	But with fused line at 55 mm	
29260-0029	20 x 40 x 75	Open Cell No top		29260-0047	20 x 50 x 90	Cell with Open Top	
29260-0030	20 x 40 x 50	Open Cell no Top		29260-0050	50 x 50 x 50	Cell With Open Top	
29260-0031	20 x 40 x 50	6 of the above cell or more		29260-0051	50 x 50 x 50	Teflon Lid Only	
29260-0040	20 x 50 TFE lid	Teflon Slip		29260-0075	50 x 50 x 75	Cell with Open Top	
				29260-0100	50 x 50 x 100	Cell with Open Top	