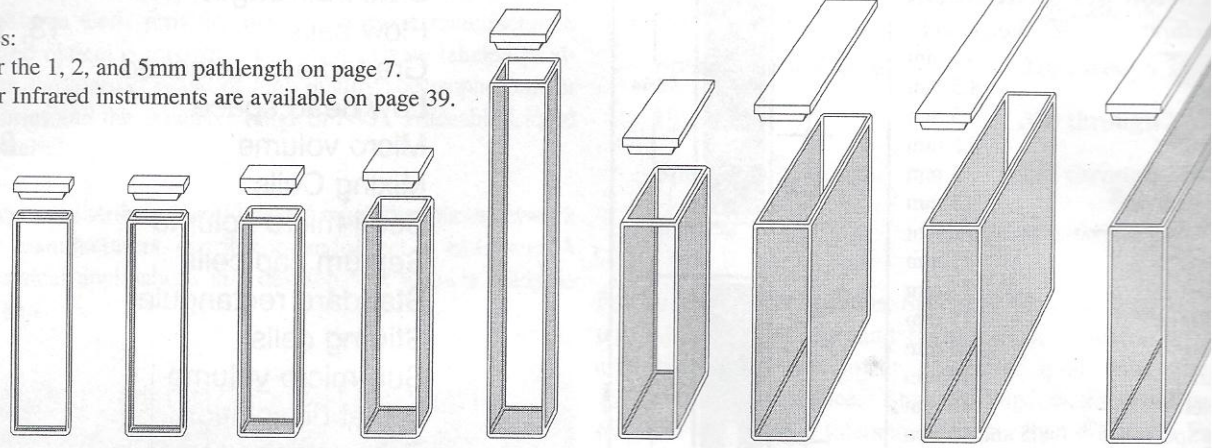
Standard Rectangular

Standard rectangular cells or Macro cells, Type 1, are the most common cells used in analytical chemistry. The exterior dimensions allow the cells to be used with virtually every spectrophotometer and photometer instrument currently in use.

These cells have an exterior height of 45mm, two clear windows and an open top. The walls of the cell and the bottom are smooth on the inside. On the outside, the light path windows are clear while the adjacent windows and the bottom are frosted or grey. Typically, windows are 1.25mm thick and each cell in this range is supplied with a PTFE cover.

Accessories:
Spacers for the 1, 2, and 5mm pathlength on page 7.
Holders for Infrared instruments are available on page 39.



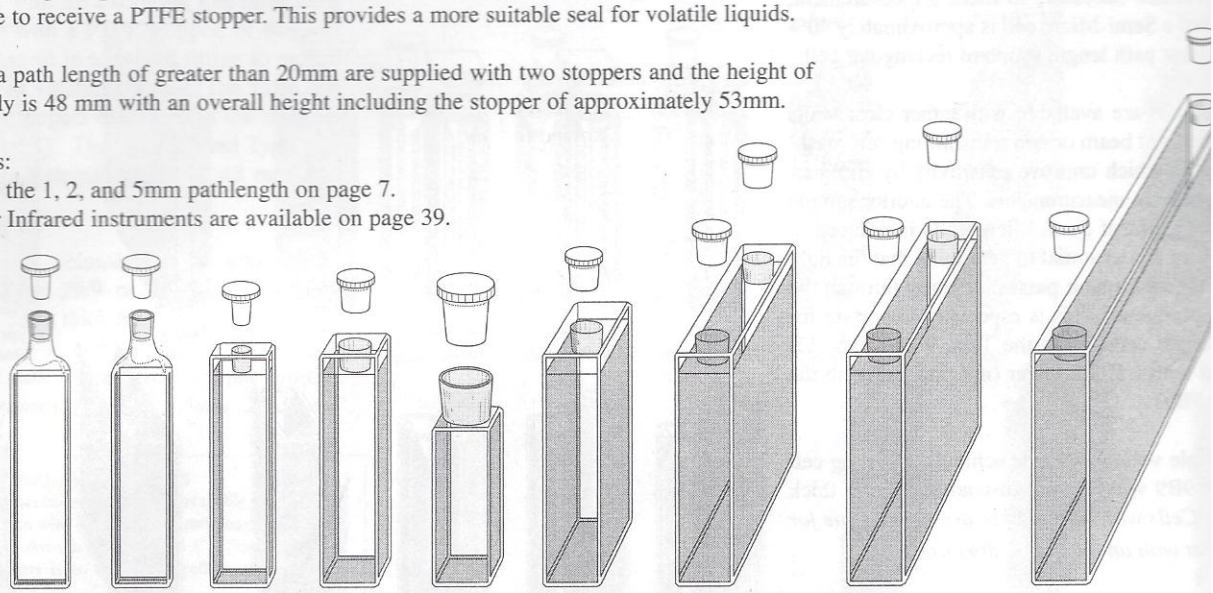
Catalog Number	Path Length mm	Exterior, mm Width	Length	Height	Interior, mm Width	Length	Nominal Vol. ml	Polished Windows
Optical Glass windows, Useable range: 334 to 2500 nm								
1-G-1	1	12.5	3.5	45	10	1	0.400	2
1-G-2	2	12.5	4.5	45	10	2	0.700	2
1-G-5	5	12.5	7.5	45	10	5	1.700	2
1-G-10	10	12.5	12.5	45	10	10	3.500	2
1.7-G-10	10	12.5	12.5	70	10	10	6.500	2
1-G-20	20	12.5	22.5	45	10	20	7.000	2
1-G-40	40	12.5	42.5	45	10	40	14.000	2
1-G-50	50	12.5	52.5	45	9.5	50	17.500	2
1-G-100	100	12.5	102.5	45	9.5	100	35.000	2
Special Optical Glass windows, Useable range: 320 to 2500 nm								
1-SOG-10	10	12.5	12.5	45	10	10	3.500	2
Spectrosil® Far UV Quartz windows, Useable range: 170 to 2700 nm								
1-Q-1	1	12.5	3.5	45	10	1	0.400	2
1-Q-2	2	12.5	4.5	45	10	2	0.700	2
1-Q-5	5	12.5	7.5	45	10	5	1.700	2
1-Q-10	10	12.5	12.5	45	10	10	3.500	2
1-Q-20	20	12.5	22.5	45	10	20	7.000	2
1-Q-40	40	12.5	42.5	45	10	40	14.00	2
1-Q-50	50	12.5	52.5	45	9.5	50	17.500	2
1-Q-100	100	12.5	102.5	45	9.5	100	35.000	2
Infrasil® or equivalent Near Infrared Quartz windows, Useable range: 220 to 3800 nm								
1-I-1	1	12.5	3.5	45	10	1	0.400	2
1-I-2	2	12.5	4.5	45	10	2	0.700	2
1-I-5	5	12.5	7.5	45	10	5	1.700	2
1-I-10	10	12.5	12.5	45	10	10	3.500	2
1-I-20	20	12.5	22.5	45	10	20	7.000	2
1-I-40	40	12.5	42.5	45	10	40	14.00	2
1-I-50	50	12.5	52.5	45	9.5	50	17.500	2
1-I-100	100	12.5	102.5	45	9.5	100	35.000	2

Standard Rectangular with stopper

Type 21 cells are identical to Standard Rectangular or Macro cells listed on page 4, except that instead of having an open rectangular hole at the top, a block is fused to the top of the cell with a ground hole to receive a PTFE stopper. This provides a more suitable seal for volatile liquids.

Cells with a path length of greater than 20mm are supplied with two stoppers and the height of the cell body is 48 mm with an overall height including the stopper of approximately 53mm.

Accessories:
Spacers for the 1, 2, and 5mm pathlength on page 7.
Holders for Infrared instruments are available on page 39.



Catalog Number	Path Length mm	Exterior, mm Width	Length	Height	Interior, mm Width	Length	Nominal Vol. ml	Number of Stoppers	Polished Windows
Optical Glass windows, Useable range: 334 to 2500 nm									
21-G-1	1	12.5	3.5	55	10	1	0.400	1	2
21-G-2	2	12.5	4.5	55	10	2	0.700	1	2
21-G-5	5	12.5	7.5	48	10	5	1.700	1	2
21-G-10	10	12.5	12.5	48	10	10	3.500	1	2
21-G-20	20	12.5	22.5	48	10	20	7.000	1	2
21-G-40	40	12.5	42.5	48	10	40	14.00	2	2
21-G-50	50	12.5	52.5	48	9.5	50	17.500	2	2
21-G-100	100	12.5	102.5	48	9.5	100	35.000	2	2
Special Optical Glass windows, Useable range: 320 to 2500 nm									
21-SOG-10	10	12.5	12.5	48	10	10	3.500	1	2
Spectrosil® Far UV Quartz windows, Useable range: 170 to 2700 nm									
21-Q-1	1	12.5	3.5	55	10	1	0.400	1	2
21-Q-2	2	12.5	4.5	55	10	2	0.700	1	2
21-Q-5	5	12.5	7.5	48	10	5	1.700	1	2
21-Q-10	10	12.5	12.5	48	10	10	3.500	1	2
21N-Q-10	10	12.5	12.5	44	10	10	3.000	1	2
21-Q-20	20	12.5	22.5	48	10	20	7.000	1	2
21-Q-40	40	12.5	42.5	48	10	40	14.00	2	2
21-Q-50	50	12.5	52.5	48	9.5	50	17.500	2	2
21-Q-100	100	12.5	102.5	48	9.5	100	35.000	2	2
Infrasil® or equivalent Near Infrared Quartz windows, Useable range: 220 to 3800 nm									
21-I-1	1	12.5	3.5	55	10	1	0.400	1	2
21-I-2	2	12.5	4.5	55	10	2	0.700	1	2
21-I-5	5	12.5	7.5	48	10	5	1.700	1	2
21-I-10	10	12.5	12.5	48	10	10	3.500	1	2
21-I-20	20	12.5	22.5	48	10	20	7.000	1	2
21-I-40	40	12.5	42.5	48	10	40	14.00	2	2
21-I-50	50	12.5	52.5	48	9.5	50	17.500	2	2
21-I-100	100	12.5	102.5	48	9.5	100	35.000	2	2