CoreFocus
SHIMADZU

Spectrum Consumables

UV Cells

The following table shows the wavelength range and tolerance for different window materials:

Window Material	Path lengths	Wavelength Range	Tolerance
Quartz	0.5 to 30mm	200 nm – 2500 nm	± 0.01mm
	40 to 100mm		± 0.02mm
Glass	up to 20mm	320 nm – 2500 nm	± 0.01mm
	30 to 100mm		± 0.02mm

Standard cell with PTFE Lid

- Open top, comes with either non-sealing PTFE cover or a stopper providing a liquid-tight seal.
- Two polished windows.
- Walls polished internally, fine ground externally.
- Suitable for use with all standard cell holders.

Cell with PTFE Lid

Light path /mm	Maximum Vol/µL	External Dimension (L x W x H) / mm	Quartz cell		Glass cell
			Single Cell	Matched Pair	Single cell
1	400	3.5 x 12.5 x 45	226-85101-01	226-85102-01	226-85111-01
2	700	4.5 x 12.5 x 45	226-85101-02	226-85102-02	226-85111-02
5	1700	7.5 x 12.5 x 45	226-85101-05	226-85102-05	226-85111-05
10	3500	12.5 x 12.5 x 45	226-85101-10	226-85102-10	226-85111-10
20	7000	22.5 x 12.5 x 45	226-85101-20	226-85102-20	226-85111-20
40	14000	42.5 x 12.5 x 45	226-85101-40	226-85102-40	226-85111-40
50	17500	52.5 x 12.5 x 45	226-85101-50	226-85102-50	226-85111-50
100	35000	102.5 x 12.5 x 45	226-85101-00	226-85102-00	226-85111-00

10mm Quartz Cell, 226-85101-10

Cell with stopper

Light path /mm	Maximum Vol/µL	External Dimension (L x W x H) / mm	Quartz cell	Glass cell
1	400	3.5 x 12.5 x 55	226-85201-01	226-85211-01
2	700	4.5 x 12.5 x 55	226-85201-02	226-85211-02
5	1700	7.5 x 12.5 x 48	226-85201-05	226-85211-05
10	3500	12.5 x 12.5 x 48	226-85201-10	226-85211-10
20	7000	22.5 x 12.5 x 48	226-85201-20	226-85211-20
40	14000	42.5 x 12.5 x 48	226-85201-40	226-85211-40
50	17500	52.5 x 12.5 x 48	226-85201-50	226-85211-50
100	35000	102.5 x 12.5 x 48	226-85201-00	226-85211-00

10mm Quartz Cell with stopper, 226-85201-10