

We formed 12 series, 300 different kinds of cells and optical cells, which apply to photo electrons, optical spectrum analyses in industries of chemistry, metallurgy, environmental protection, medicinal tests, hospitals, power stations, water works, scientific research institutions etc. Many world-famous optical spectrum works chose our products as necessary accessories of theirs.

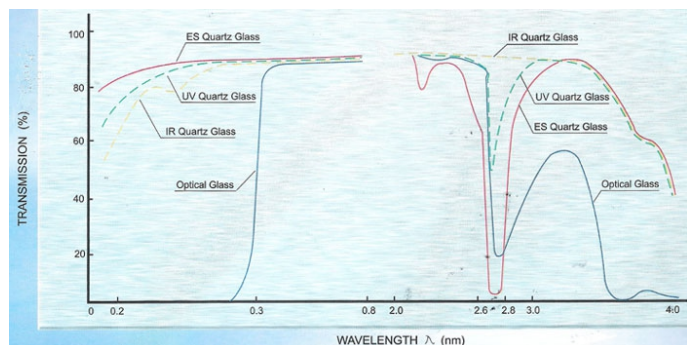
The Transmission features of our cell guaranteed transmission values on empty cells and deviations in matched set.



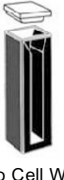

Material	Code	Transmission On Empty Cell	Deviations In Matching
Optical Glass	G	At 350nm appro.82%	At 350nm Max.0.5%
UV Quartz Glass	H	At 220nm appro.80%	At 350nm Max.0.5%
ES Quartz Glass	Q	At 220nm appro.80%	At 200nm Max.0.5%
IR Quartz Glass	I	At 2730nm appro.88%	At 2730nm Max.0.5%

Transmission Curves

Transmission measured on empty cells: window Thickness 1.25nm*2

(Including surface reflection losses)



Cell-01							
Picture and Name	Outside Dim H*W*D(mm)	Path Length	Inside Width	Volume	Product Number		
		(mm)	(mm)	(ml)	ES Quartz Glass 190nm-2500nm	IR Quartz Glass 250nm-3500nm	Optical Glass 340nm-2500nm
 Standard Cell with Lid	45*12.5*3.5	1	10	0.35	Q-1	I-1	G-1
	45*12.5*4.5	2	10	0.7	Q-2	I-2	G-2
	45*12.5*7.5	5	10	1.7	Q-3	I-3	G-3
	45*12.5*12.5	10	10	3.5	Q-4	I-4	G-4
	45*12.5*22.5	20	10	7	Q-5	I-5	G-5
	45*12.5*32.5	30	10	10.5	Q-6	I-6	G-6
	45*12.5*42.5	40	10	14	Q-7	I-7	G-7
	45*12.5*52.5	50	10	17.5	Q-8	I-8	G-8
	45*12.5*102.5	100	10	35	Q-9	I-9	G-9
 Standard Cell With Teflon Stopper	45*12.5*7.5	5	10	1.7	Q-13	I-13	G-13
	45*12.5*12.5	10	10	3.5	Q-14	I-14	G-14
	45*12.5*22.5	20	10	7	Q-15	I-15	G-15
	45*12.5*32.5	30	10	10.5	Q-16	I-16	G-16
	45*12.5*42.5	40	10	14	Q-17	I-17	G-17
	45*12.5*52.5	50	10	17.5	Q-18	I-18	G-18
	45*12.5*102.5	100	10	35	Q-19	I-19	G-19
 Semi-Micro Cell With Black Walls and With Lid	45*12.5*7.5	5	4	0.7	Q-23	I-23	G-23
	45*12.5*12.5	10	4	1.4	Q-24	I-24	G-24
	45*12.5*22.5	20	4	2.8	Q-25	I-25	G-25
	45*12.5*32.5	30	4	4.2	Q-26	I-26	G-26
	45*12.5*42.5	40	4	5.6	Q-27	I-27	G-27
	45*12.5*52.5	50	4	7	Q-28	I-28	G-28
	45*12.5*102.5	100	4	14	Q-29	I-29	G-29
 Semi-Micro Cell With Black Walls and Teflon Stopper	45*12.5*7.5	5	4	0.7	Q-33	I-33	G-33
	45*12.5*12.5	10	4	1.4	Q-34	I-34	G-34
	45*12.5*22.5	20	4	2.8	Q-35	I-35	G-35
	45*12.5*32.5	30	4	4.2	Q-36	I-36	G-36
	45*12.5*42.5	40	4	5.6	Q-37	I-37	G-37
	45*12.5*52.5	50	4	7	Q-38	I-38	G-38
	45*12.5*102.5	100	4	14	Q-39	I-39	G-39