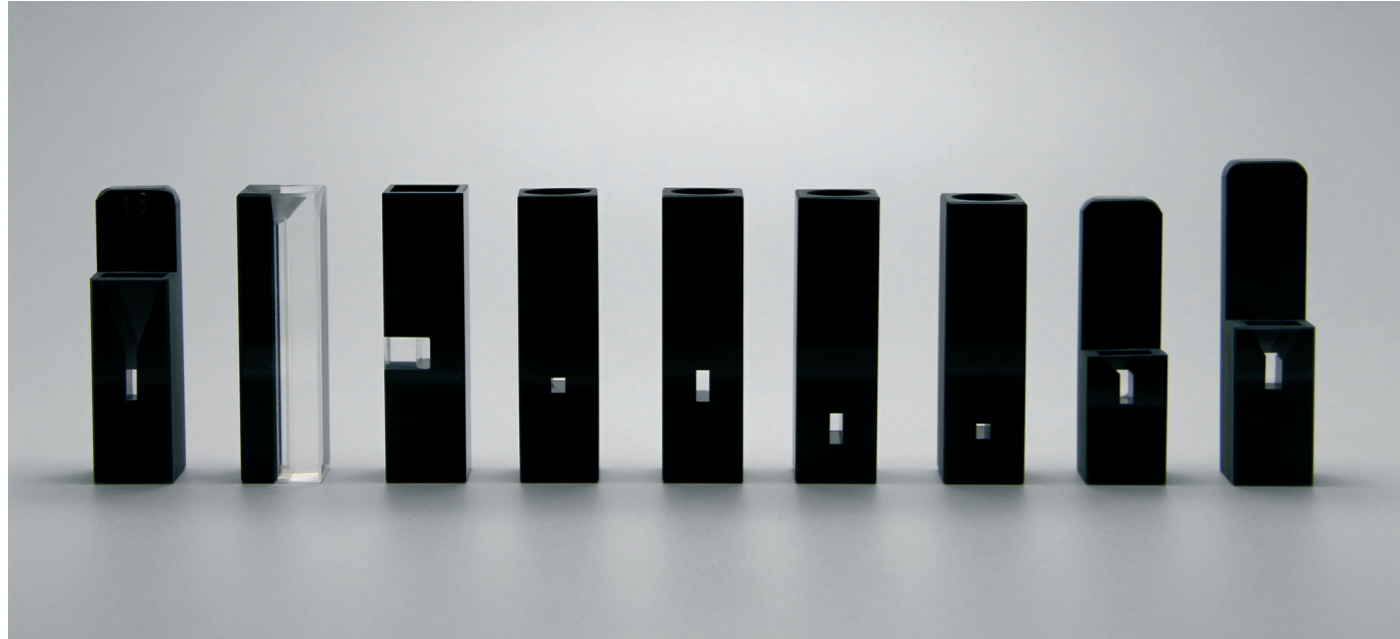




## Cuvettes Collection



## Workshop



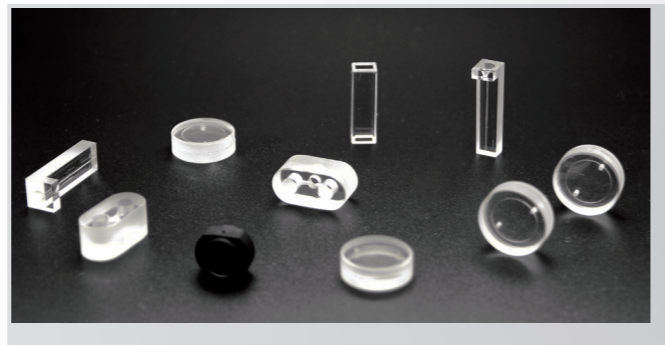


# Cuvette

Micro cuvette



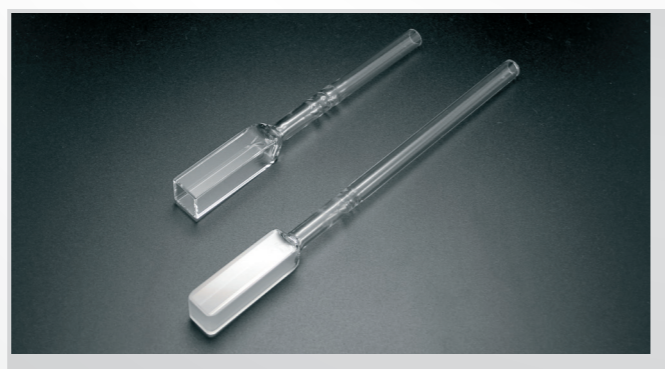
Biochemical flow cell



Cuvette with screw cap

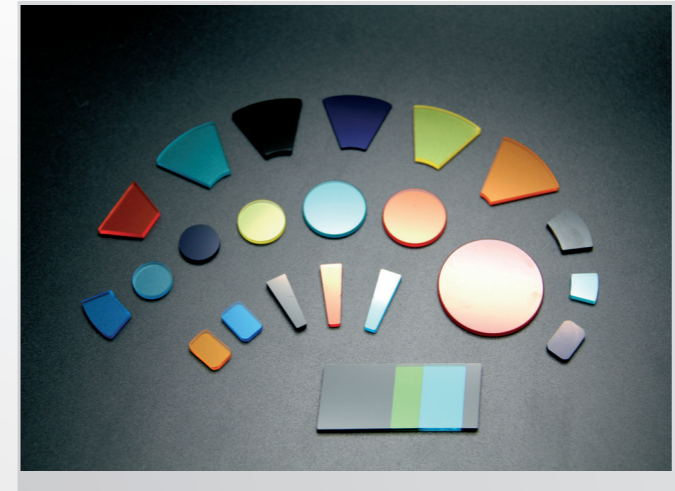


Customised cell

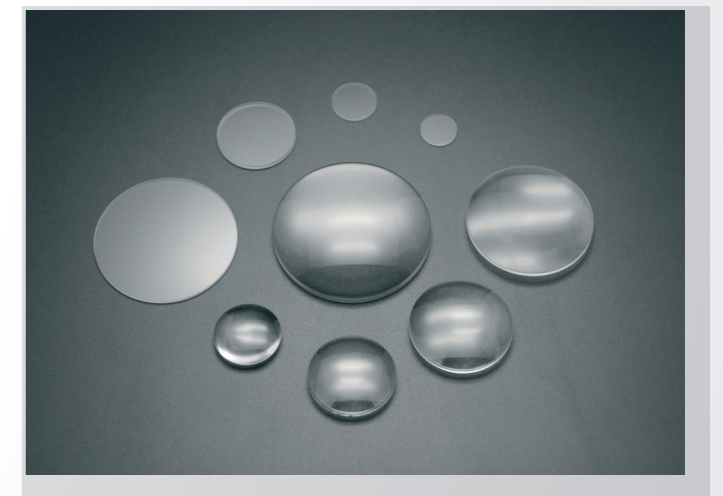


# Optical Components

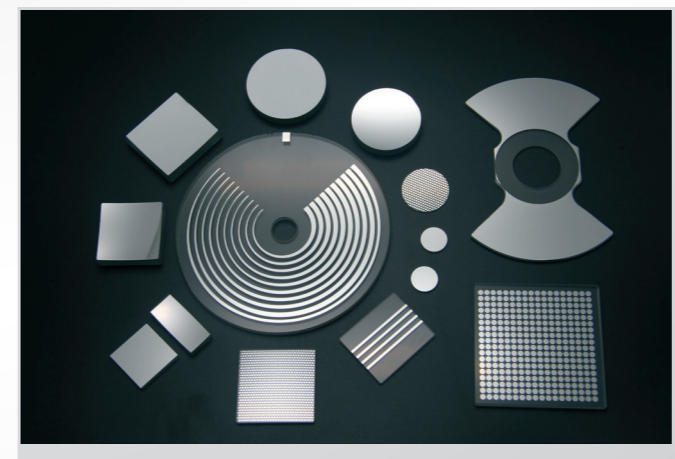
Filter



Lens



Reflective mirror



## Transmission

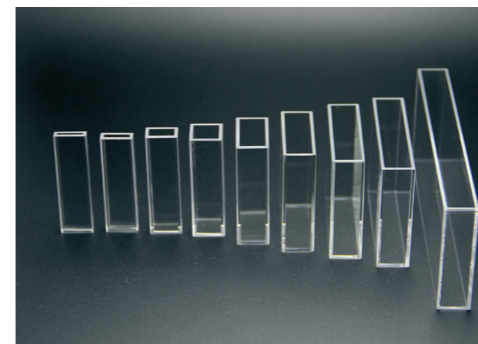
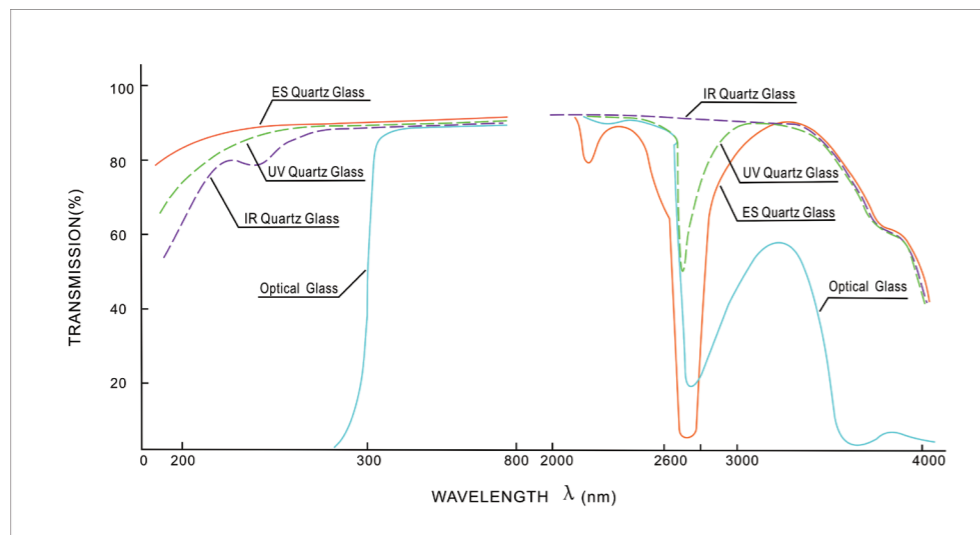
- Cell guaranteed transmission values on empty cells and deviations of a matched set.

Material	Code	Transmission on empty cell	Deviations of matched sets
Optical glass	G	at 350nm approx. 82%	at 350nm max. 0.5%
UV quartz glass	H	at 220nm approx. 80%	at 220nm max. 0.5%
ES quartz glass	Q	at 200nm approx. 80%	at 200nm max. 0.5%
IR quartz glass	I	at 2730nm approx. 88%	at 2730nm max. 0.5%

- Transmission curves

Transmission measured on empty cells - window thickness 1.25mm x 2

(including surface reflection loss)



7

Standard cuvettes



16

Flow-through cells

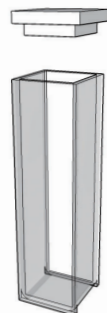


18

Specialised cuvettes

### Standard cuvette with lid

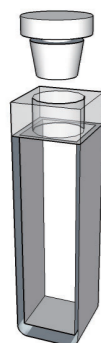
Standard cuvette with lid is suitable for various spectrophotometers, the matched Teflon lid can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-1	I-1	G-1	45x12.5x3.5	1	10	0.35
Q-2	I-2	G-2	45x12.5x4.5	2	10	0.70
Q-3	I-3	G-3	45x12.5x7.5	5	10	1.7
Q-4	I-4	G-4	45x12.5x12.5	10	10	3.5
Q-5	I-5	G-5	45x12.5x22.5	20	10	7.0
Q-6	I-6	G-6	45x12.5x32.5	30	10	10.5
Q-7	I-7	G-7	45x12.5x42.5	40	10	14
Q-8	I-8	G-8	45x12.5x52.5	50	10	17.5
Q-9	I-9	G-9	45x12.5x102.5	100	10	35.0

### Standard cuvette with stopper

The stopper is able to prevent solvent from the leakage, this cuvette is suitable for testing hazardous solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-13	I-13	G-13	45x12.5x7.5	5	10	1.7
Q-14	I-14	G-14	45x12.5x12.5	10	10	3.5
Q-15	I-15	G-15	45x12.5x22.5	20	10	7.0
Q-16	I-16	G-16	45x12.5x32.5	30	10	10.5
Q-17	I-17	G-17	45x12.5x42.5	40	10	14
Q-18	I-18	G-18	45x12.5x52.5	50	10	17.5
Q-19	I-19	G-19	45x12.5x102.5	100	10	35.0

### Semi-micro cuvette with black walls and lid

The semi-micro cuvette is made of black and clear quartz, partly avoids light and saves solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-23	I-23	G-23	45x12.5x7.5	5	4	0.7
Q-24	I-24	G-24	45x12.5x12.5	10	4	1.4
Q-25	I-25	G-25	45x12.5x22.5	20	4	2.8
Q-26	I-26	G-26	45x12.5x32.5	30	4	4.2
Q-27	I-27	G-27	45x12.5x42.5	40	4	5.6
Q-28	I-28	G-28	45x12.5x52.5	50	4	7
Q-29	I-29	G-29	45x12.5x102.5	100	4	14

### Semi-micro cuvette with black walls and Teflon stopper

The stopper is able to prevent solvent from the leakage, this cuvette is suitable for testing hazardous solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-33	I-33	G-33	45x12.5x7.5	5	4	0.7
Q-34	I-34	G-34	45x12.5x12.5	10	4	1.4
Q-35	I-35	G-35	45x12.5x22.5	20	4	2.8
Q-36	I-36	G-36	45x12.5x32.5	30	4	4.2
Q-37	I-37	G-37	45x12.5x42.5	40	4	5.6
Q-38	I-38	G-38	45x12.5x52.5	50	4	7
Q-39	I-39	G-39	45x12.5x102.5	100	4	14



### Micro cuvette with black walls and lid

The semi-micro cuvette is made of black and clear quartz, partly avoids light and saves solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-43	I-43	G-43	45x12.5x7.5	5	2	0.35
Q-44	I-44	G-44	45x12.5x12.5	10	2	0.7
Q-45	I-45	G-45	45x12.5x22.5	20	2	1.4
Q-46	I-46	G-46	45x12.5x32.5	30	2	2.1
Q-47	I-47	G-47	45x12.5x42.5	40	2	2.8
Q-48	I-48	G-48	45x12.5x52.5	50	2	3.5
Q-49	I-49	G-49	45x12.5x102.5	100	2	7



### Micro cuvette with black walls and stopper

The stopper is able to prevent solvent from the leakage, this cuvette is suitable for testing hazardous solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-53	I-53	G-53	45x12.5x7.5	5	2	0.35
Q-54	I-54	G-54	45x12.5x12.5	10	2	0.7
Q-55	I-55	G-55	45x12.5x22.5	20	2	1.4
Q-56	I-56	G-56	45x12.5x32.5	30	2	2.1
Q-57	I-57	G-57	45x12.5x42.5	40	2	2.8
Q-58	I-58	G-58	45x12.5x52.5	50	2	3.5
Q-59	I-59	G-59	45x12.5x102.5	100	2	7





### Standard cuvette with lid and round bottom

Standard cuvette with lid is suitable for various spectrophotometers, the matched Teflon lid can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-101	I-101	G-101	45x12.5x3.5	1	10	0.35
Q-102	I-102	G-102	45x12.5x4.5	2	10	0.70
Q-103	I-103	G-103	45x12.5x7.5	5	10	1.7
Q-104	I-104	G-104	45x12.5x12.5	10	10	3.5
Q-105	I-105	G-105	45x12.5x22.5	20	10	7.0
Q-106	I-106	G-106	45x12.5x32.5	30	10	10.5
Q-107	I-107	G-107	45x12.5x42.5	40	10	14
Q-108	I-108	G-108	45x12.5x52.5	50	10	17.5
Q-109	I-109	G-109	45x12.5x102.5	100	10	35.0

### Standard cuvette with Teflon stopper and round bottom

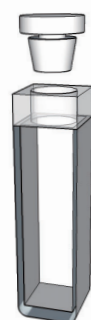
Cuvette with different pathlength is assembled with Teflon stopper on top, which is suitable for testing hazardous solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-111	I-111	G-111	45x12.5x3.5	1	10	0.35
Q-112	I-112	G-112	45x12.5x4.5	2	10	0.70

### Standard cuvette with Teflon stopper and round bottom

The stopper is able to prevent solvent from the leakage, this cuvette is suitable for testing hazardous solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-113	I-113	G-113	45x12.5x7.5	5	10	1.7
Q-114	I-114	G-114	45x12.5x12.5	10	10	3.5
Q-115	I-115	G-115	45x12.5x22.5	20	10	7.0
Q-116	I-116	G-116	45x12.5x32.5	30	10	10.5
Q-117	I-117	G-117	45x12.5x42.5	40	10	14.0
Q-118	I-118	G-118	45x12.5x52.5	50	10	17.5
Q-119	I-119	G-119	45x12.5x102.5	100	10	35.0

### Micro cuvette with black walls and lid

The micro cuvette is made of black and clear quartz, partly avoids light and saves solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-123	I-123	G-123	45x12.5x7.5	5	1	0.17
Q-124	I-124	G-124	45x12.5x12.5	10	1	0.35
Q-125	I-125	G-125	45x12.5x22.5	20	1	0.7
Q-126	I-126	G-126	45x12.5x32.5	30	1	1
Q-127	I-127	G-127	45x12.5x42.5	40	1	1.4
Q-128	I-128	G-128	45x12.5x52.5	50	1	1.75
Q-129	I-129	G-129	45x12.5x102.5	100	1	3.5

### Micro cuvette with black walls and lid

The micro cuvette is made of black and clear quartz, partly avoids light and saves solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-133	I-133	G-133	45x12.5x7.5	5	3	0.5
Q-134	I-134	G-134	45x12.5x12.5	10	3	1.0
Q-135	I-135	G-135	45x12.5x22.5	20	3	2.1
Q-136	I-136	G-136	45x12.5x32.5	30	3	3.15
Q-137	I-137	G-137	45x12.5x42.5	40	3	4.2
Q-138	I-138	G-138	45x12.5x52.5	50	3	5.25
Q-139	I-139	G-139	45x12.5x102.5	100	3	10.5

### Semi-micro cuvette with black walls and lid

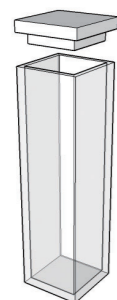
The semi-micro cuvette is made of black and clear quartz, partly avoids light and saves solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-143	I-143	G-143	45x12.5x7.5	5	5	0.85
Q-144	I-144	G-144	45x12.5x12.5	10	5	1.75
Q-145	I-145	G-145	45x12.5x22.5	20	5	3.5
Q-146	I-146	G-146	45x12.5x32.5	30	5	5.25
Q-147	I-147	G-147	45x12.5x42.5	40	5	7
Q-148	I-148	G-148	45x12.5x52.5	50	5	8.75
Q-149	I-149	G-149	45x12.5x102.5	100	5	17.5

### Standard fluorescence cuvette with lid

This fused cuvette has four transparent walls, which is suitable for fluorescence test.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-203	I-203	G-203	45x12.5x7.5	5	10	1.7
Q-204	I-204	G-204	45x12.5x12.5	10	10	3.5
Q-205	I-205	G-205	45x12.5x22.5	20	10	7.0
Q-206	I-206	G-206	45x12.5x32.5	30	10	10.5
Q-207	I-207	G-207	45x12.5x42.5	40	10	14.0
Q-208	I-208	G-208	45x12.5x52.5	50	10	17.5
Q-209	I-209	G-209	45x12.5x102.5	100	10	35.0

### Standard fluorescence cuvette with stopper

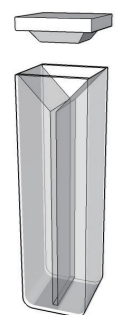
This cuvette has four transparent walls, which is suitable for fluorescence test. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-213	I-213	G-213	45x12.5x7.5	5	10	1.7
Q-214	I-214	G-214	45x12.5x12.5	10	10	3.5
Q-215	I-215	G-215	45x12.5x22.5	20	10	7.0
Q-216	I-216	G-216	45x12.5x32.5	30	10	10.5
Q-217	I-217	G-217	45x12.5x42.5	40	10	14.0
Q-218	I-218	G-218	45x12.5x52.5	50	10	17.5
Q-219	I-219	G-219	45x12.5x102.5	100	10	35.0

### Micro cuvette with frosted walls and lid

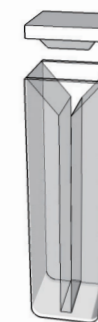
The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-233	I-233	G-233	45x12.5x7.5	5	1	0.17
Q-234	I-234	G-234	45x12.5x12.5	10	1	0.35
Q-235	I-235	G-235	45x12.5x22.5	20	1	0.70
Q-236	I-236	G-236	45x12.5x32.5	30	1	1.0
Q-237	I-237	G-237	45x12.5x42.5	40	1	1.4
Q-238	I-238	G-238	45x12.5x52.5	50	1	1.75
Q-239	I-239	G-239	45x12.5x102.5	100	1	3.5

### Micro cuvette with frosted walls and lid

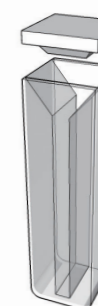
The frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-243	I-243	G-243	45x12.5x7.5	5	2	0.35
Q-244	I-244	G-244	45x12.5x12.5	10	2	0.7
Q-245	I-245	G-245	45x12.5x22.5	20	2	1.4
Q-246	I-246	G-246	45x12.5x32.5	30	2	2.1
Q-247	I-247	G-247	45x12.5x42.5	40	2	2.8
Q-248	I-248	G-248	45x12.5x52.5	50	2	3.5
Q-249	I-249	G-249	45x12.5x102.5	100	2	7.0

### Micro cuvette with frosted walls and lid

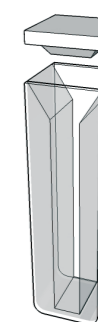
The frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-253	I-253	G-253	45x12.5x7.5	5	3	0.5
Q-254	I-254	G-254	45x12.5x12.5	10	3	1
Q-255	I-255	G-255	45x12.5x22.5	20	3	2.1
Q-256	I-256	G-256	45x12.5x32.5	30	3	3.15
Q-257	I-257	G-257	45x12.5x42.5	40	3	4.2
Q-258	I-258	G-258	45x12.5x52.5	50	3	5.25
Q-259	I-259	G-259	45x12.5x102.5	100	3	10.5

### Semi-micro cuvette with frosted walls and lid

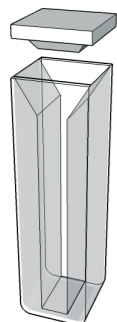
The semi-micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-263	I-263	G-263	45x12.5x7.5	5	4	0.7
Q-264	I-264	G-264	45x12.5x12.5	10	4	1.4
Q-265	I-265	G-265	45x12.5x22.5	20	4	2.8
Q-266	I-266	G-266	45x12.5x32.5	30	4	4.2
Q-267	I-267	G-267	45x12.5x42.5	40	4	5.6
Q-268	I-268	G-268	45x12.5x52.5	50	4	7.0
Q-269	I-269	G-269	45x12.5x102.5	100	4	14.0

### Semi-micro cuvette with frosted walls and lid

The semi-micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-273	I-273	G-273	45x12.5x7.5	5	5	0.85
Q-274	I-274	G-274	45x12.5x12.5	10	5	1.7
Q-275	I-275	G-275	45x12.5x22.5	20	5	3.5
Q-276	I-276	G-276	45x12.5x32.5	30	5	5.2
Q-277	I-277	G-277	45x12.5x42.5	40	5	7.0
Q-278	I-278	G-278	45x12.5x52.5	50	5	8.75
Q-279	I-279	G-279	45x12.5x102.5	100	5	17.5

### Micro cuvette with frosted walls and stopper

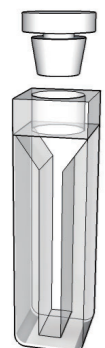
The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-283	I-283	G-283	45x12.5x7.5	5	2	0.35
Q-284	I-284	G-284	45x12.5x12.5	10	2	0.7
Q-285	I-285	G-285	45x12.5x22.5	20	2	1.4
Q-286	I-286	G-286	45x12.5x32.5	30	2	2.1
Q-287	I-287	G-287	45x12.5x42.5	40	2	2.8
Q-288	I-288	G-288	45x12.5x52.5	50	2	3.5
Q-289	I-289	G-289	45x12.5x102.5	100	2	7.0

### Semi-micro cuvette with frosted walls and stopper

The semi-micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-293	I-293	G-293	45x12.5x7.5	5	4	0.7
Q-294	I-294	G-294	45x12.5x12.5	10	4	1.4
Q-295	I-295	G-295	45x12.5x22.5	20	4	2.8
Q-296	I-296	G-296	45x12.5x32.5	30	4	4.2
Q-297	I-297	G-297	45x12.5x42.5	40	4	5.6
Q-298	I-298	G-298	45x12.5x52.5	50	4	7.0
Q-299	I-299	G-299	45x12.5x102.5	100	4	14.0

### Micro cuvette with frosted walls and stopper

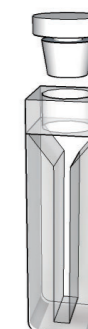
The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-373	I-373	G-373	45x12.5x7.5	5	1	0.17
Q-374	I-374	G-374	45x12.5x12.5	10	1	0.35
Q-375	I-375	G-375	45x12.5x22.5	20	1	0.7
Q-376	I-376	G-376	45x12.5x32.5	30	1	1
Q-377	I-377	G-377	45x12.5x42.5	40	1	1.4
Q-378	I-378	G-378	45x12.5x52.5	50	1	1.75
Q-379	I-379	G-379	45x12.5x102.5	100	1	3.5

### Micro cuvette with frosted walls and stopper

The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-383	I-383	G-383	45x12.5x7.5	5	3	0.5
Q-384	I-384	G-384	45x12.5x12.5	10	3	1
Q-385	I-385	G-385	45x12.5x22.5	20	3	2.1
Q-386	I-386	G-386	45x12.5x32.5	30	3	3.15
Q-387	I-387	G-387	45x12.5x42.5	40	3	4.2
Q-388	I-388	G-388	45x12.5x52.5	50	3	5.25
Q-389	I-389	G-389	45x12.5x102.5	100	3	10.5

### Semi-micro cuvette with frosted walls and stopper

The semi-micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.

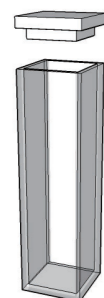


Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-393	I-393	G-393	45x12.5x7.5	5	5	0.85
Q-394	I-394	G-394	45x12.5x12.5	10	5	1.7
Q-395	I-395	G-395	45x12.5x22.5	20	5	3.5
Q-396	I-396	G-396	45x12.5x32.5	30	5	5.2
Q-397	I-397	G-397	45x12.5x42.5	40	5	7.0
Q-398	I-398	G-398	45x12.5x52.5	50	5	8.75
Q-399	I-399	G-399	45x12.5x102.5	100	5	17.5



### Standard cuvette with lid and flat bottom

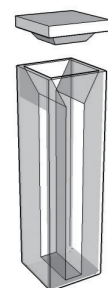
Standard cuvette with lid is suitable for various spectrophotometers, the matched Teflon lid can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-401	I-401	G-401	45x12.5x3.5	1	10	0.35
Q-402	I-402	G-402	45x12.5x4.5	2	10	0.70
Q-403	I-403	G-403	45x12.5x7.5	5	10	1.7
Q-404	I-404	G-404	45x12.5x12.5	10	10	3.5
Q-405	I-405	G-405	45x12.5x22.5	20	10	7.0
Q-406	I-406	G-406	45x12.5x32.5	30	10	10.5
Q-407	I-407	G-407	45x12.5x42.5	40	10	14.0
Q-408	I-408	G-408	45x12.5x52.5	50	10	17.5
Q-409	I-409	G-409	45x12.5x102.5	100	10	35.0

### Micro fluorescence cuvette

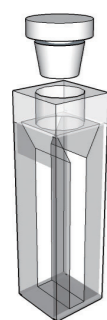
Micro fluorescence cuvette is able to save the usage of solvent and accurately measure the fluorescence.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-504	I-504	G-504	45x12.5x12.5	10	1	0.35
Q-514	I-514	G-514	45x12.5x12.5	10	2	0.70
Q-524	I-524	G-524	45x12.5x12.5	10	3	1
Q-534	I-534	G-534	45x12.5x12.5	10	4	1.4
Q-544	I-544	G-544	45x12.5x12.5	10	5	1.7

### Micro fluorescence cuvette with stopper

Micro fluorescence cuvette is able to save the usage of solvent and accurately measure the fluorescence. Its Teflon stopper can prevent solvent from the leakage and also strength corrosion resistance.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-554	I-554	G-554	45x12.5x12.5	10	1	0.35
Q-564	I-564	G-564	45x12.5x12.5	10	2	0.70
Q-574	I-574	G-574	45x12.5x12.5	10	3	1
Q-584	I-584	G-584	45x12.5x12.5	10	4	1.4
Q-594	I-594	G-594	45x12.5x12.5	10	5	1.7

### Lightproof flow-through cell

The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-63	I-63	G-63	45x12.5x7.5	5	φ3	0.035
Q-64	I-64	G-64	45x12.5x12.5	10	φ3	0.07
Q-65	I-65	G-65	45x12.5x22.5	20	φ3	0.14
Q-66	I-66	G-66	45x12.5x32.5	30	φ3	0.21
Q-67	I-67	G-67	45x12.5x7.5	5	φ2	0.015
Q-68	I-68	G-68	45x12.5x12.5	10	φ2	0.03
Q-69	I-69	G-69	45x12.5x22.5	20	φ2	0.06
Q-70	I-70	G-70	45x12.5x12.5	10	φ1.5	0.018



### Lightproof flow-through cell

The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-73	I-73	G-73	45x12.5x7.5	5	4x12	0.24
Q-74	I-74	G-74	45x12.5x12.5	10	4x12	0.48
Q-75	I-75	G-75	45x12.5x22.5	20	4x12	1.0
Q-76	I-76	G-76	45x12.5x32.5	30	4x12	1.5
Q-79	I-79	G-79	45x12.5x7.5	5	2x12	0.12
Q-80	I-80	G-80	45x12.5x12.5	10	2x12	0.24



### Lightproof flow-through cell

The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-154	I-154	G-154	45x12.5x12.5	10	φ1	0.01
Q-155	I-155	G-155	45x12.5x22.5	20	φ1	0.016
Q-156	I-156	G-156	45x12.5x32.5	30	φ1	0.025
Q-164	I-164	G-164	45x12.5x12.5	10	φ1.5	0.018
Q-165	I-165	G-165	45x12.5x22.5	20	φ1.5	0.036
Q-166	I-166	G-166	45x12.5x32.5	30	φ1.5	0.055
Q-174	I-174	G-174	45x12.5x12.5	10	φ2	0.03
Q-175	I-175	G-175	45x12.5x22.5	20	φ2	0.06
Q-176	I-176	G-176	45x12.5x32.5	30	φ2	0.09



### Lightproof flow-through cell



The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent and also the top metal tube can be connected with the external flow tube.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-604	I-604	G-604	15x12.4x12.4	10	φ2	0.03

### Lightproof flow-through cell



The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent and also the top metal tube can be connected with the external flow tube.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-614	I-614	G-614	35x12.4x12.4	10	φ2	0.03

### Lightproof flow-through cell



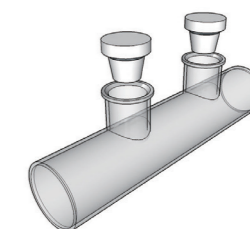
The flow-through cell is made of black and clear quartz, there is an inner tube available for testing the solvent and also assembled with screw connectors on top.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-624-2	I-624-2	G-624-2	35x12.5x12.5	10	φ2	0.03
Q-624-3	I-624-3	G-624-3	35x12.5x12.5	10	φ3	0.07

### Cylindrical cuvette with stopper

The cuvette with Teflon stopper is able to prevent solvent leakage.

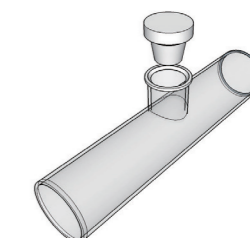
Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-87	I-87	G-87	φ22x52.5	50	φ19	14.0
Q-88	I-88	G-88	φ22x102.5	100	φ19	28.0



### Cylindrical cuvette with single stopper

The cuvette with Teflon stopper is able to prevent solvent leakage.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-95	I-95	G-95	φ22x12.5	10	φ19	2.8
Q-96	I-96	G-96	φ22x22.5	20	φ19	5.7
Q-97	I-97	G-97	φ22x52.5	50	φ19	14.0
Q-98	I-98	G-98	φ22x102.5	100	φ19	28.0



### Large cuvette

The cuvette is designed for testing solvent with large volume, it has various dimensions available and can be tailored.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-321	I-321	G-321	40x20x10.4	6.35	16	3.5
Q-322	I-322	G-322	40x20x16.7	12.7	16	7.1
Q-323	I-323	G-323	40x20x29.4	25.4	16	14.2
Q-324	I-324	G-324	40x20x54.8	50.8	16	28.4
Q-325	I-325	G-325	40x20x137.4	133.35	16	74.6
Q-326	I-326	G-326	40x20x14	10	16	5.6
Q-327	I-327	G-327	40x20x104	100	16	56.0



### Micro cuvette with black walls and lid

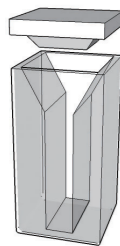
The cuvette is made of black and clear quartz, partly prevents solvent from the light and saves the solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-424	I-424	G-424	25x12.5x12.5	10	1	0.15
Q-434	I-434	G-434	25x12.5x12.5	10	2	0.30
Q-444	I-444	G-444	25x12.5x12.5	10	3	0.45
Q-454	I-454	G-454	25x12.5x12.5	10	4	0.60

### Micro cuvette with frosted walls and lid

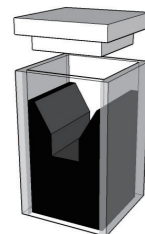
The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-464	I-464	G-464	25x12.5x12.5	10	1	0.15
Q-474	I-474	G-474	25x12.5x12.5	10	2	0.30
Q-484	I-484	G-484	25x12.5x12.5	10	3	0.45
Q-494	I-494	G-494	25x12.5x12.5	10	4	0.60

### Micro cuvette with black walls

The cuvette is made of black and clear quartz, partly prevents solvent from the light and saves the solvent.



Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-634	I-634	G-634	20x12.75x12.75	10	2	0.05
Q-644	I-644	G-644	20x12.75x12.75	10	4	0.1

### Micro cuvette with frosted walls and lid

The micro frosted cuvette has different dimensions in path width, or even the path width can be customised. This product is able to save your solvent.

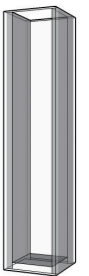
Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-674-50	I-674-50	G-674-50	45x12.5x12.5	10	2	0.05
Q-674-100	I-674-100	G-674-100	45x12.5x12.5	10	2	0.1
Q-674-200	I-674-200	G-674-200	45x12.5x12.5	10	2	0.2



### Automatic biochemical cuvette

The cuvette is specially designed for automatic biochemical analyser, it is durable and excellent in transparency.

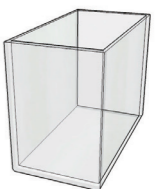
Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-801	-	G-801	30x6.5x6.5	5	5	0.3
Q-802	-	G-802	32x6.6x6.6	5	5	0.3
Q-803	-	G-803	30x6.23x8	6	5	0.3
Q-804	-	G-804	27x7x8	6	5	0.3



### Absorptiometer rectangular cuvette

The cuvette is available in various dimensions.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-682	I-682	G-682	40x28x6.5	2.5	25	2.2
Q-683	I-683	G-683	40x28x9	5	25	4.4
Q-684	I-684	G-684	40x28x14	10	25	8.8
Q-685	I-685	G-685	40x28x24	20	25	17.5
Q-686	I-686	G-686	40x28x44	40	25	35.0
Q-687	I-687	G-687	40x28x54	50	25	43.8
Q-688	I-688	G-688	40x28x104	100	25	87.5
Q-689	I-689	G-689	40x28x204	200	25	175.0







### Rectangular cuvette with tube

The cuvette is designed for testing gas.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-704	I-704	G-704	45x12.5x12.5 Tube OD: 8mm Overall height: 120mm	10	10	3.5

### Rectangular fluorescence cuvette with tube

The cuvette is designed for measuring the fluorescence of gas.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-714	I-714	G-714	45x12.5x12.5 Tube OD: 8mm Overall height: 120mm	10	10	3.5

### Cylindrical cuvette with tube

The cuvette is designed for measuring gas.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-721	I-721	G-721	φ22x3.5	1	φ19	0.28
Q-722	I-722	G-722	φ22x4.5	2	φ19	0.56
Q-723	I-723	G-723	φ22x7.5	5	φ19	1.4
Q-724	I-724	G-724	φ22x12.5	10	φ19	2.8
Q-725	I-725	G-725	φ22x22.5	20	φ19	5.6
Q-726	I-726	G-726	φ22x32.5	30	φ19	8.4
Q-727	I-727	G-727	φ22x42.5	40	φ19	11.2
Q-728	I-728	G-728	φ22x52.5	50	φ19	14.0
Q-729	I-729	G-729	φ22x102.5	100	φ19	28.0

### Cylindrical cuvette without lid

The cuvette is designed for measuring reflection. Different dimensions are available.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-731	I-731	G-731	φ34x25	-	-	12.0
Q-732	I-732	G-732	φ50x30	-	-	32.0
Q-733	I-733	G-733	φ60x40.5	-	-	73.0



### Rectangular cuvette with screw cap

The Teflon cap is excellent in corrosion resistance and prevents the solvent leakage.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-744	I-744	G-744	56x12.5x12.5	10	10	3.5



### Large cell

The cuvette is designed for testing solvent with large volume, it has various dimensions available and can be tailored.

Product number			Dimensions (mm)	Path Length (mm)	Path Width (mm)	Volume (ml)
ES quartz glass 190nm-2500nm	IR quartz glass 250nm-3500nm	Optical glass 340nm-2500nm				
Q-751	I-751	G-751	22.5x25x25	20	20	6.0
Q-752	I-752	G-752	32.5x35x35	30	30	22.5
Q-753	I-753	G-753	42.5x45x45	40	40	56.0
Q-754	I-754	G-754	52.5x55x55	50	50	112.5

