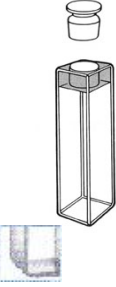








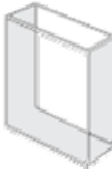


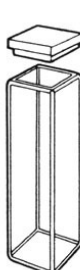


PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$\$	340nm-2.6um	U\$\$	260nm-3.5um	U\$\$
	Standard cell with lid									
	45*12.5*3.5	1	10	0,35	QS-1	63	OG-1	36	IR-1	76
	45*12.5*4.5	2		0,70	QS-2	56	OG-2	27	IR-2	67
	45*12.5*7.5	5		1,70	QS-3	49	OG-3	18	IR-3	59
	45*12.5*12.5	10		3,50	QS-4	38	OG-4	18	IR-4	46
	45*12.5*22.5	20		7,00	QS-5	56	OG-5	27	IR-5	67
	45*12.5*32.5	30		10,50	QS-6	63	OG-6	36	IR-6	76
	45*12.5*42.5	40		14,00	QS-7	91	OG-7	45	IR-7	109
	45*12.5*52.5	50		17,50	QS-8	119	OG-8	45	IR-8	143
45*12.5*102.5	100	35,00		QS-9	259	OG-9	63	IR-9	311	
	Standard cell with teflon stopper									
	45*12.5*7.5	5	10	1,70	QS-13	56	OG-13	39	IR-13	67
	45*12.5*12.5	10		3,50	QS-14	56	OG-14	39	IR-14	67
	45*12.5*22.5	20		7,00	QS-15	63	OG-15	44	IR-15	76
	45*12.5*32.5	30		10,50	QS-16	70	OG-16	49	IR-16	84
	45*12.5*42.5	40		14,00	QS-17	98	OG-17	69	IR-17	118
	45*12.5*52.5	50		17,50	QS-18	133	OG-18	93	IR-18	160
	45*12.5*102.5	100		35,00	QS-19	273	OG-19	191	IR-19	328
	Semi-Micro cell with black walls and lid									
	45*12.5*7.5	5	4	0,70	QS-23	56	OG-23	39	IR-23	67
	45*12.5*12.5	10		1,40	QS-24	56	OG-24	39	IR-24	67
	45*12.5*22.5	20		2,80	QS-25	63	OG-25	44	IR-25	76
	45*12.5*32.5	30		4,20	QS-26	70	OG-26	49	IR-26	84
	45*12.5*42.5	40		5,60	QS-27	98	OG-27	69	IR-27	118
45*12.5*52.5	50	7,00		QS-28	133	OG-28	93	IR-28	160	
	Semi-Micro cell with black walls and teflon stopper									
	45*12.5*7.5	5	4	0,70	QS-33	63	OG-33	44	IR-33	76
	45*12.5*12.5	10		1,40	QS-34	63	OG-34	44	IR-34	76
	45*12.5*22.5	20		2,80	QS-35	70	OG-35	49	IR-35	84
	45*12.5*32.5	30		4,20	QS-36	77	OG-36	54	IR-36	92
	45*12.5*42.5	40		5,60	QS-37	105	OG-37	74	IR-37	126
45*12.5*52.5	50	7,00		QS-38	140	OG-38	98	IR-38	168	
	Micro cell with black walls and lid									
	45*12.5*7.5	5	2	0,35	QS-43	63	OG-43	44	IR-43	76
	45*12.5*12.5	10		0,70	QS-44	63	OG-44	36	IR-44	76
	45*12.5*22.5	20		1,40	QS-45	70	OG-45	49	IR-45	84
	45*12.5*32.5	30		2,10	QS-46	70	OG-46	49	IR-46	84
	45*12.5*42.5	40		2,80	QS-47	105	OG-47	74	IR-47	126
45*12.5*52.5	50	3,50		QS-48	140	OG-48	98	IR-48	168	

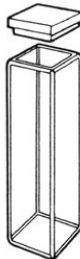
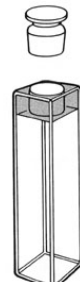

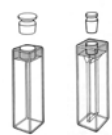
PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$S	340nm-2.6um	U\$S	260nm-3.5um	U\$S
	Micro cell with black walls and teflon stopper									
	45*12.5*7.5	5	2	0, 35	QS-53	70	OG-53	49	IR-53	84
	45*12.5*12.5	10		0, 70	QS-54	70	OG-54	49	IR-54	84
	45*12.5*22.5	20		1, 40	QS-55	77	OG-55	54	IR-55	92
	45*12.5*32.5	30		2, 10	QS-56	84	OG-56	59	IR-56	101
	45*12.5*42.5	40		2, 80	QS-57	112	OG-57	78	IR-57	134
	45*12.5*52.5	50		3, 50	QS-58	147	OG-58	103	IR-58	176
	Self masking continuous flow through cell									
	45*12.5*7.5	5	Φ 3	0, 04	QS-63	77	OG-63	54	IR-63	92
	45*12.5*12.5	10		0, 07	QS-64	91	OG-64	64	IR-64	109
	45*12.5*22.5	20		0, 14	QS-65	105	OG-65	74	IR-65	126
	45*12.5*32.5	30		0, 21	QS-66	119	OG-66	83	IR-66	143
	45*12.5*7.5	5	Φ 2	0, 02	QS-67	77	OG-67	54	IR-67	92
	45*12.5*12.5	10		0, 03	QS-68	91	OG-68	64	IR-68	109
	45*12.5*22.5	20		0, 06	QS-69	105	OG-69	74	IR-69	126
45*12.5*12.5	10	Φ 1.5		0, 02	QS-70	91	OG-70	64	IR-70	109
	Self masking continuous flowthrough cell									
	45*12.5*7.5	5	4*12	0, 24	QS-73	77	OG-73	54	IR-73	92
	45*12.5*12.5	10		0, 48	QS-74	91	OG-74	64	IR-74	109
	45*12.5*22.5	20		1, 00	QS-75	105	OG-75	74	IR-75	126
45*12.5*32.5	30	1, 50		QS-76	119	OG-76	83	IR-76	143	
	Cylindrical cell									
	Φ 22*12.5	10	Φ 19	2, 80	QS-85	70	OG-85	49	IR-73	84
	Φ 22*22.5	20		5, 70	QS-86	84	OG-86	59	IR-74	101
	Φ 22*52.5	50		14, 00	QS-87	98	OG-87	69	IR-75	118
Φ 22*102.5	100	28, 00		QS-88	112	OG-88	78	IR-76	134	
	Standard cell with lid and round bottom									
	45*12.5*3.5	1	10	0, 35	QS-101	63	OG-101	36	IR-101	76
	45*12.5*4.5	2		0, 70	QS-102	56	OG-102	27	IR-102	67
	45*12.5*7.5	5		1, 70	QS-103	49	OG-103	18	IR-103	59
	45*12.5*12.5	10		3, 50	QS-104	38	OG-104	18	IR-104	46
	45*12.5*22.5	20		7, 00	QS-105	56	OG-105	27	IR-105	67
	45*12.5*32.5	30		10, 50	QS-106	63	OG-106	36	IR-106	76
	45*12.5*42.5	40		14, 00	QS-107	91	OG-107	45	IR-107	109
	45*12.5*52.5	50		17, 50	QS-108	119	OG-108	45	IR-108	143
45*12.5*102.5	100	35, 50		QS-109	259	OG-109	63	IR-109	311	

PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$\$	340nm-2.6um	U\$\$	260nm-3.5um	U\$\$
	Standard cell with teflon stopper but round bottom									
	48*12.5*7.5	5	10	1, 70	QS-113	56	OG-113	39	IR-113	67
	48*12.5*12.5	10		3, 50	QS-114	56	OG-114	39	IR-114	67
	48*12.5*22.5	20		7, 00	QS-115	63	OG-115	44	IR-115	76
	48*12.5*32.5	30		10, 50	QS-116	70	OG-116	49	IR-116	84
	48*12.5*42.5	40		14, 00	QS-117	98	OG-117	69	IR-117	118
	48*12.5*52.5	50		17, 50	QS-118	133	OG-118	93	IR-118	160
48*12.5*102.5	100	35, 00		QS-119	273	OG-119	191	IR-119	328	
	Micro cell with black walls and lid									
	45*12.5*7.5	5	1	0, 17	QS-123	63	OG-123	44	IR-123	76
	45*12.5*12.5	10		0, 35	QS-124	63	OG-124	44	IR-124	76
	45*12.5*22.5	20		0, 70	QS-125	70	OG-125	49	IR-125	84
	45*12.5*32.5	30		1, 00	QS-126	77	OG-126	54	IR-126	92
	45*12.5*42.5	40		1, 40	QS-127	105	OG-127	74	IR-127	126
45*12.5*52.5	50	1, 75		QS-128	140	OG-128	98	IR-128	168	
	Micro cell with black walls and lid									
	45*12.5*7.5	5	3	0, 50	QS-133	63	OG-133	44	IR-133	76
	45*12.5*12.5	10		1, 00	QS-134	63	OG-134	44	IR-134	76
	45*12.5*22.5	20		2, 10	QS-135	70	OG-135	49	IR-135	84
	45*12.5*32.5	30		3, 15	QS-136	77	OG-136	54	IR-136	92
	45*12.5*42.5	40		4, 20	QS-137	105	OG-137	74	IR-137	126
45*12.5*52.5	50	5, 25		QS-138	140	OG-138	98	IR-138	168	
	Semi-Micro cell with black walls and lid									
	45*12.5*7.5	5	5	0, 85	QS-143	56	OG-143	39	IR-143	67
	45*12.5*12.5	10		1, 75	QS-144	56	OG-144	39	IR-144	67
	45*12.5*22.5	20		3, 50	QS-145	63	OG-145	44	IR-145	76
	45*12.5*32.5	30		5, 25	QS-146	70	OG-146	49	IR-146	84
	45*12.5*42.5	40		7, 00	QS-147	98	OG-147	69	IR-147	118
45*12.5*52.5	50	8, 75		QS-148	133	OG-148	93	IR-148	160	
	Self masking continuous flowthrough cell									
	45*12.5*12.5	10	Φ 1	0, 01	QS-154	84	OG-154	59	IR-154	101
	45*12.5*22.5	20		0, 02	QS-155	98	OG-155	69	IR-155	118
	45*12.5*32.5	30		0, 03	QS-156	112	OG-156	78	IR-156	134
	45*12.5*12.5	10	Φ 1.5	0, 02	QS-164	84	OG-164	59	IR-164	101
	45*12.5*22.5	20		0, 04	QS-165	98	OG-165	69	IR-165	118
	45*12.5*32.5	30		0, 06	QS-166	112	OG-166	78	IR-166	134
	45*12.5*12.5	10	Φ 2	0, 03	QS-174	84	OG-174	59	IR-174	101
	45*12.5*22.5	20		0, 06	QS-175	98	OG-175	69	IR-175	118
45*12.5*32.5	30	0, 09		QS-176	112	OG-176	78	IR-176	134	

PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$\$	340nm-2.6um	U\$\$	260nm-3.5um	U\$\$
	Micro cell with frosted walls and lid									
	45*12.5*7.5	5	1	0, 17	QS-233	63	OG-233	44	IR-233	76
	45*12.5*12.5	10		0, 35	QS-234	63	OG-234	44	IR-234	76
	45*12.5*22.5	20		0, 70	QS-235	70	OG-235	49	IR-235	84
	45*12.5*32.5	30		1, 00	QS-236	77	OG-236	54	IR-236	92
	45*12.5*42.5	40		1, 40	QS-237	105	OG-237	74	IR-237	126
45*12.5*52.5	50		1, 75	QS-238	140	OG-238	98	IR-238	168	
	Micro cell with frosted walls and lid									
	45*12.5*7.5	5	2	0, 35	QS-243	63	OG-243	44	IR-243	76
	45*12.5*12.5	10		0, 70	QS-244	63	OG-244	44	IR-244	76
	45*12.5*22.5	20		1, 40	QS-245	70	OG-245	49	IR-245	84
	45*12.5*32.5	30		2, 10	QS-246	77	OG-246	54	IR-246	92
	45*12.5*42.5	40		2, 80	QS-247	105	OG-247	74	IR-247	126
45*12.5*52.5	50	3, 50		QS-248	140	OG-248	98	IR-248	168	
	Micro cell with frosted walls and lid									
	45*12.5*7.5	5	3	0, 50	QS-253	63	OG-253	44	IR-253	76
	45*12.5*12.5	10		1, 00	QS-254	63	OG-254	44	IR-254	76
	45*12.5*22.5	20		2, 10	QS-255	70	OG-255	49	IR-255	84
	45*12.5*32.5	30		3, 15	QS-256	77	OG-256	54	IR-256	92
	45*12.5*42.5	40		4, 20	QS-257	105	OG-257	74	IR-257	126
45*12.5*52.5	50	5, 25		QS-258	140	OG-258	98	IR-258	168	
	Semi-Micro cell with frosted walls and with lid									
	45*12.5*7.5	5	4	0, 70	QS-263	56	OG-263	39	IR-263	67
	45*12.5*12.5	10		1, 40	QS-264	56	OG-264	39	IR-264	67
	45*12.5*22.5	20		2, 80	QS-265	63	OG-265	44	IR-265	76
	45*12.5*32.5	30		4, 20	QS-266	70	OG-266	49	IR-266	84
	45*12.5*42.5	40		5, 60	QS-267	98	OG-267	69	IR-267	118
45*12.5*52.5	50	7, 00		QS-268	133	OG-268	93	IR-268	160	
	Semi-Micro cell with frosted walls and lid									
	45*12.5*7.5	5	5	0, 85	QS-273	56	OG-273	39	IR-273	67
	45*12.5*12.5	10		1, 70	QS-274	56	OG-274	39	IR-274	67
	45*12.5*22.5	20		3, 50	QS-275	63	OG-275	44	IR-275	76
	45*12.5*32.5	30		5, 20	QS-276	70	OG-276	49	IR-276	84
	45*12.5*42.5	40		7, 00	QS-277	98	OG-277	69	IR-277	118
45*12.5*52.5	50	8, 75		QS-278	133	OG-278	93	IR-278	160	

PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$S	340nm-2.6um	U\$S	260nm-3.5um	U\$S
	Micro cell with frosted walls and stopper									
	45*12.5*7.5	5	2	0, 35	QS-283	70	OG-283	49	IR-283	84
	45*12.5*12.5	10		0, 70	QS-284	70	OG-284	49	IR-284	84
	45*12.5*22.5	20		1, 40	QS-285	77	OG-285	54	IR-285	92
	45*12.5*32.5	30		2, 10	QS-286	84	OG-286	59	IR-286	101
	45*12.5*42.5	40		2, 80	QS-287	112	OG-287	78	IR-287	134
	45*12.5*52.5	50		3, 50	QS-288	147	OG-288	103	IR-288	176
	Semi-Micro cell with frosted walls and stopper									
	45*12.5*7.5	5	4	0, 70	QS-293	63	OG-293	44	IR-293	76
	45*12.5*12.5	10		1, 40	QS-294	63	OG-294	44	IR-294	76
	45*12.5*22.5	20		2, 80	QS-295	70	OG-295	49	IR-295	84
	45*12.5*32.5	30		4, 20	QS-296	77	OG-296	54	IR-296	92
	45*12.5*42.5	40		5, 60	QS-297	105	OG-297	74	IR-297	126
	45*12.5*52.5	50		7, 00	QS-298	140	OG-298	98	IR-298	168
	Cell with lid									
	43*15*9	5	12	2, 10	QS-303	42	OG-303	18	IR-303	50
	43*15*14	10		4, 20	QS-304	42	OG-304	18	IR-304	50
	43*15*24	20		8, 40	QS-305	53	OG-305	27	IR-305	63
	43*15*34	30		12, 60	QS-306	63	OG-306	36	IR-306	76
	43*15*44	40		16, 80	QS-307	84	OG-307	45	IR-307	101
	43*15*54	50		21, 00	QS-308	105	OG-308	45	IR-308	126
43*15*104	100	42, 00		QS-309	245	OG-309	63	IR-309	294	
	Micro cell with frosted walls									
	50*9*9	5	5	1, 00	QS-310	56	OG-310	18	IR-310	67
	Large cell									
	40*20*10.4	6, 35	16	3, 50	QS-321	56	OG-321	36	IR-321	67
	40*20*16.7	12, 70		7, 10	QS-322	56	OG-322	36	IR-322	67
	40*20*29.4	25, 40		14, 20	QS-323	84	OG-323	54	IR-323	101
	40*20*54.8	50, 80		28, 40	QS-324	140	OG-324	63	IR-324	168
40*20*137.4	133, 35	74, 60		QS-325	315	OG-325	126	IR-325	378	

PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$S	340nm-2.6um	U\$S	260nm-3.5um	U\$S
	Standard cell with lid and level bottom									
	45*12.5*3.5	1	10	0, 35	QS-401	63	OG-401	36	IR-401	76
	45*12.5*4.5	2		0, 70	QS-402	56	OG-402	27	IR-402	67
	45*12.5*7.5	5		1, 70	QS-403	49	OG-403	18	IR-403	59
	45*12.5*12.5	10		3, 50	QS-404	49	OG-404	18	IR-404	59
	45*12.5*22.5	20		7, 00	QS-405	56	OG-405	27	IR-405	67
	45*12.5*32.5	30		10, 50	QS-406	63	OG-406	36	IR-406	76
	45*12.5*42.5	40		14, 00	QS-407	91	OG-407	45	IR-407	109
	45*12.5*52.5	50		17, 50	QS-408	119	OG-408	45	IR-408	143
	45*12.5*102.5	100		35, 50	QS-409	259	OG-409	63	IR-409	311
	Micro cell with black walls and lid									
	25*12.5*12.5	10	1	0, 15	QS-424	70	OG-424	49	IR-424	84
	25*12.5*12.5		2	0, 30	QS-434	70	OG-434	49	IR-434	84
	25*12.5*12.5		3	0, 45	QS-444	70	OG-444	49	IR-444	84
	25*12.5*12.5		4	0, 60	QS-454	70	OG-454	49	IR-454	84
	Micro cell with frost walls and lid									
	25*12.5*12.5	10	1	0, 15	QS-464	70	OG-464	49	IR-464	84
	25*12.5*12.5		2	0, 30	QS-474	70	OG-474	49	IR-465	84
	25*12.5*12.5		3	0, 45	QS-484	70	OG-484	49	IR-466	84
	25*12.5*12.5		4	0, 60	QS-494	70	OG-494	49	IR-467	84

Fluorometry Cells										
PICTURE	Outside Dim H*W*D	Path Length	Inside Width	VOL	ES Quartz Glass	Price	Optical glass	Price	IR Quartz Glass	Price
	mm	mm	mm	ml	190nm-2.5um	U\$\$	340nm-2.6um	U\$\$	260nm-3.5um	U\$\$
	Standard fluorometer cell with lid									
	45*12.5*7.5	5	10	1, 70	QS-203	91	OG-203	64	IR-203	109
	45*12.5*12.5	10		3, 50	QS-204	91	OG-204	64	IR-204	109
	45*12.5*22.5	20		7, 00	QS-205	105	OG-205	74	IR-205	126
	45*12.5*32.5	30		10, 50	QS-206	133	OG-206	93	IR-206	160
	45*12.5*42.5	40		14, 00	QS-207	161	OG-207	113	IR-207	193
	45*12.5*52.5	50		17, 50	QS-208	196	OG-208	137	IR-208	235
	Standard fluorometer cell with teflon stopper									
	48*12.5*7.5	5	10	1, 70	QS-213	84	OG-213	59	IR-213	101
	48*12.5*12.5	10		3, 50	QS-214	84	OG-214	59	IR-214	101
	48*12.5*22.5	20		7, 00	QS-215	105	OG-215	74	IR-215	126
	48*12.5*32.5	30		10, 50	QS-216	126	OG-216	88	IR-216	151
	48*12.5*42.5	40		14, 00	QS-217	161	OG-217	113	IR-217	193
	48*12.5*52.5	50		17, 50	QS-218	196	OG-218	137	IR-218	235
	Micro fluorometer cell									
	45*12.5*12.5	10	4	1, 40	QS-224	112	OG-224	78	IR-224	134
	45 x 12.5 x 12.5	10	2	0, 70	QS-524	112	OG-524	78	IR-524	134
	Micro fluorometer cell with teflon stopper									
	45*12.5*12.5	10	2	0, 70	QS-534	126	OG-534	88	IR-534	151
	45*12.5*12.5		4	1, 40	QS-544	126	OG-544	88	IR-544	151

Material

Transmission values
 on empty cells and deviations in a matching set

Material	Code	Transmission on Empty Cell	Deviation in Matching
Optical Glass	OG	at 350nm approx.82%	at 350nm max.0.5%
UV Quartz Glass	H	at 220nm approx.80%	at 220nm max.0.5%
ES Quarts Glass	QS	at 200nm approx.88%	at 200nm max.0.5%
IR Quarts Glass	IR	at 2730nm approx.88%	at 2730nm max.0.5%

Transmission Chart

- Thickness 1.25mmX 2
- Including surface reflection losses

