







# REFLEX Analytical

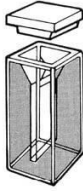

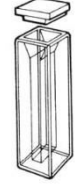
# CUVETTES

Cell Type	Path	Width	Height	P/N	P/N	P/N	Volume
	Length	(mm)	(mm)	Optical	UV Quartz	IR Quartz	(ml)
	(mm)			Glass	UV-VIS	UV-VIS-NIR	
				G	Q	I	
 <p><b>TYPE 1 STANDARD CELL</b></p>	1	12.5	45	1-G-1	1-Q-1	1-I-1	0.4
	2	12.5	45	1-G-2	1-Q-2	1-I-2	.7
	5	12.5	45	1-G-5	1-Q-5	1-I-5	1.7
	10	12.5	45	1-G-10	1-Q-10	1-I-10	3.5
	20	12.5	45	1-G-20	1-Q-20	1-I-20	7
	30	12.5	45	1-G-30	1-Q-30	1-I-30	10.5
	40	12.5	45	1-G-40	1-Q-40	1-I-40	14
	50	12.5	45	1-G-50	1-Q-50	1-I-50	17.5
	100	12.5	45	1-G-100	1-Q-100	1-I-100	35.0
 <p><b>TYPE 1 &amp; TYPE 3 CELLS WITH GRADED SEAL &amp; SCREW CAP</b></p>	<b>Type 1 &amp; Type 3 Cells with Graded Seal</b>						
	10	12.5	45	1GS-G-10	1GS-Q-10	1GS-I-10	3.5
	Tube OD = 8mm Overall Height 120mm						
	10	12.5	45	3GS-G-10	3GS-Q-10	3GS-I-10	3.5
	<b>Type 1 &amp; Type 3 Cells with Screw Cap</b>						
	10	12.5	56	1SC-G-10	1SC-Q-10	1SC-I-10	3.5
	10	12.5	56	3SC-G-10	3SC-Q-10	3SC-I-10	3.5
 <p><b>TYPE 3 FLUORIMETER CELL</b></p>	5	12.5	45	3-G-5	3-Q-5	3-I-5	1.7
	10	12.5	45	3-G-10	3-Q-10	3-I-10	3.5
	20	12.5	45	3-G-20	3-Q-20	3-I-20	7
	30	12.5	45	3-G-30	3-Q-30	3-I-30	10.5
	40	12.5	45	3-G-40	3-Q-40	3-I-40	14.0
	50	12.5	45	3-G-50	3-Q-50	3-I-50	17.5
	100	12.5	45	3-G-100	3-Q-100	3-I-100	35.0

 <p><b>TYPE 3 FLUORIMETER CELL WITH SCREW CAP</b></p>	<b>Type 3 FLUORIMETER CELL WITH GRADED SEAL</b>						
	10	12.5	45	3GS-G-10	3GS-Q-10	3GS-I-10	3.5
	Tube OD = 8mm Overall Height 120mm						
	<b>Type 3 FLUORIMETER CELL WITH SCREW CAP</b>						
	10	12.5	56	3SC-G-10	3SC-Q-10	3SC-I-10	3.5
<b>Cell Type</b>	<b>Path Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>P/N Optical Glass</b>	<b>P/N UV Quartz</b>	<b>P/N IR Quartz</b>	<b>Volume (ml)</b>
				<b>G</b>	<b>Q</b>	<b>I</b>	
 <p><b>SEMI MICRO SELF MASKING TYPE 9/9F</b></p>	<b>SEMI MICRO SELF MASKING TYPE 9</b>						
	5	12.5	45	9-G-5	9-Q-5	9-I-5	0.7
	10	12.5	45	9-G-10	9-Q-10	9-I-10	1.4
	20	12.5	45	9-G-20	9-Q-20	9-I-20	2.8
	30	12.5	45	9-G-30	9-Q-30	9-I-30	4.2
	40	12.5	45	9-G-40	9-Q-40	9-I-40	5.6
	50	12.5	45	9-G-50	9-Q-50	9-I-50	7
	<b>SEMI MICRO FLUORIMETER TYPE 9F</b>						
	10	12.5	45	9F-G-10	9F-Q-10	9F-I-10	1.4
 <p><b>SEMI MICRO SELF MASKING TYPE 9B</b></p>	5	12.5	45	9B-G-5	9B-Q-5	9B-I-5	0.7
	10	12.5	45	9B-G-10	9B-Q-10	9B-I-10	1.4
	20	12.5	45	9B-G-20	9B-Q-20	9B-I-20	2.8
	30	12.5	45	9B-G-30	9B-Q-30	9B-I-30	4.2
	40	12.5	45	9B-G-40	9B-Q-40	9B-I-40	5.6
	50	12.5	45	9B-G-50	9B-Q-50	9B-I-50	7


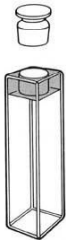
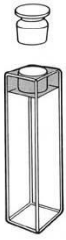
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 <p><b>MICRO SHORT CELL TYPE 17</b></p>	5	12.5	25	17-G-5	17-Q-5	17-I-5	0.2	
	10	12.5	25	17-G-10	17-Q-10	17-I-10	0.4	
	20	12.5	25	17-G-20	17-Q-20	17-I-20	0.6	
	30	12.5	25	17-G-30	17-Q-30	17-I-30	0.8	
	40	12.5	25	17-G-40	17-Q-40	17-I-40	1	
	50	12.5	25	17-G-50	17-Q-50	17-I-50	1.2	
 <p><b>MICRO SHORT SELF MASKING TYPE 17B</b></p>	5	12.5	25	17B-G-5	17B-Q-5	17B-I-5	0.2	
	10	12.5	25	17B-G-10	17B-Q-10	17B-I-10	0.4	
	20	12.5	25	17B-G-20	17B-Q-20	17B-I-20	0.6	
	30	12.5	25	17B-G-30	17B-Q-30	17B-I-30	0.8	
	40	12.5	25	17B-G-40	17B-Q-40	17B-I-40	1	
	50	12.5	25	17B-G-50	17B-Q-50	17B-I-50	1.2	
 <p><b>MICRO CELL WITH LID TYPE 18/18F</b></p>	5	12.5	45	18-G-5	18-Q-5	18-I-5	0.35	
	10	12.5	45	18-G-10	18-Q-10	18-I-10	0.7	
	20	12.5	45	18-G-20	18-Q-20	18-I-20	1.4	
	30	12.5	45	18-G-30	18-Q-30	18-I-30	2.1	
	40	12.5	45	18-G-40	18-Q-40	18-I-40	2.8	
	50	12.5	45	18-G-50	18-Q-50	18-I-50	3.5	
	<b>MICRO CELL WITH LID TYPE 18F</b>							
		10	12.5	45	18F-G-10	18F-Q-10	18F-I-10	0.7




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Cell Type	Path	Width	Height	P/N	P/N	P/N	Volume (ml)
	Length	(mm)	(mm)	Optical	UV Quartz	IR Quartz	
	(mm)			Glass	UV-VIS	UV-VIS-NIR	
				G	Q	I	
 <p><b>MICRO WITH LID SELF MASKING TYPE 18B</b></p>	5	12.5	45	18B-G-5	18B-Q-5	18B-I-5	0.35
	10	12.5	45	18B-G-10	18B-Q-10	18B-I-10	0.7
	20	12.5	45	18B-G-20	18B-Q-20	18B-I-20	1.4
	30	12.5	45	18B-G-30	18B-Q-30	18B-I-30	2.1
	40	12.5	45	18B-G-40	18B-Q-40	18B-I-40	2.8
	50	12.5	45	18B-G-50	18B-Q-50	18B-I-50	3.5
 <p><b>STANDARD TYPE 21 WITH STOPPER</b></p>	5	12.5	45	21-G-5	21-Q-5	21-I-5	1.7
	10	12.5	45	21-G-10	21-Q-10	21-I-10	3.5
	20	12.5	45	21-G-20	21-Q-20	21-I-20	7.0
	30	12.5	45	21-G-30	21-Q-30	21-I-30	10.5
	40	12.5	45	21-G-40	21-Q-40	21-I-40	14.0
	50	12.5	45	21-G-50	21-Q-50	21-I-50	17.5
 <p><b>TYPE 23 FLUORIMETER WITH STOPPER</b></p>	5	12.5	45	23-G-5	23-Q-5	23-I-5	1.7
	10	12.5	45	23-G-10	23-Q-10	23-I-10	3.5
	20	12.5	45	23-G-20	23-Q-20	23-I-20	7.0
	40	12.5	45	23-G-40	23-Q-40	23-I-40	14
	50	12.5	45	23-G-50	23-Q-50	23-I-50	17.5



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 <p><b>TYPE 25 TANDEM CELL</b></p>	10	12.5	45		25-Q-10		2X1.3	
 <p><b>SEMI MICRO WITH STOPPER TYPE 29/ TYPE29F</b></p>	5	12.5	45	29-G-5	29-Q-5	29-I-5	0.7	
	10	12.5	45	29-G-10	29-Q-10	29-I-10	1.4	
	20	12.5	45	29-G-20	29-Q-20	29-I-20	2.8	
	30	12.5	45	29-G-30	29-Q-30	29-I-30	4.2	
	40	12.5	45	29-G-40	29-Q-40	29-I-40	5.6	
	50	12.5	45	29-G-50	29-Q-50	29-I-50	7.0	
	<b>SEMI MICRO WITH STOPPER TYPE 29F</b>							
	10	12.5	45	29F-G-10	29F-Q-10	-	1.4	
<p><b>Cell Type</b></p>	<b>Path</b>	<b>Width</b>	<b>Height</b>	<b>P/N</b>	<b>P/N</b>	<b>P/N</b>	<b>Volume</b>	
	<b>Length (mm)</b>	<b>(mm)</b>	<b>(mm)</b>	<b>Optical Glass</b>	<b>UV Quartz UV-VIS</b>	<b>IR Quartz UV-VIS-NIR</b>	<b>(ml)</b>	
				<b>G</b>	<b>Q</b>	<b>I</b>		
 <p><b>SEMI MICRO WITH STOPPER SELF MASKING TYPE 29B</b></p>	5	12.5	45	29-G-5	29-Q-5	29-I-5	0.7	
	10	12.5	45	29-G-10	29-Q-10	29-I-10	1.4	
	20	12.5	45	29-G-20	29-Q-20	29-I-20	2.8	
	30	12.5	45	29-G-30	29-Q-30	29-I-30	4.2	
	40	12.5	45	29-G-40	29-Q-40	29-I-40	5.6	
	50	12.5	45	29-G-50	29-Q-50	29-I-50	7.0	

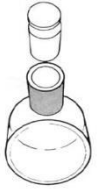

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	5	12.5	45	30-G-5	30-Q-5	30-I-5	0.35
	10	12.5	45	30-G-10	30-Q-10	30-I-10	0.7
	20	12.5	45	30-G-20	30-Q-20	30-I-20	1.4
	30	12.5	45	30-G-30	30-Q-30	30-I-30	2.1
	40	12.5	45	30-G-40	30-Q-40	30-I-40	2.8
	50	12.5	45	30-G-50	30-Q-50	30-I-50	3.5
	<b>MICRO FLUORIMETER WITH STOPPER TYPE 30F</b>						
	5	12.5	45	30F-G-10	30F-Q-10	30F-I-10	0.7
 <p><b>MICRO WITH STOPPER TYPE 30/30F</b></p>							
 <p><b>MICRO WITH STOPPER SELF MASKING TYPE 30B</b></p>	5	12.5	45	30B-G-5	30B-Q-5	30B-I-5	0.35
	10	12.5	45	30B-G-10	30B-Q-10	30B-I-10	0.7
	20	12.5	45	30B-G-20	30B-Q-20	30B-I-20	1.4
	30	12.5	45	30B-G-30B	30B-Q-30B	30B-I-30B	2.1
	40	12.5	45	30B-G-40	30B-Q-40	30B-I-40	2.8
	50	12.5	45	30B-G-50	30B-Q-50	30B-I-50	3.5


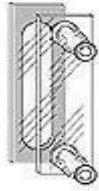

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 <p><b>CYLINDRICAL CELL ONE STOPPER TYPE 32</b></p>	10	∅ 22	N/A	32-G-10	32-Q-10	32-I-10	2.8	
	20	∅ 22	N/A	32-G-20	32-Q-20	32-I-20	5.6	
	50	∅ 22	N/A	32-G-50	32-Q-50	32-I-50	14.1	
	100	∅ 22	N/A	32-G-100	32-Q-100	32-I-100	28.2	
 <p><b>CYLINDRICAL CELL TWO STOPPER TYPE 34</b></p>	50	∅ 22	N/A	34-G-50	34-Q-50	34-I-50	14.1	
	100	∅ 22	N/A	34-G-100	34-Q-100	34-I-100	28.2	
	<b>CYLINDRICAL CELL WITH TWO SCREW CAPS TYPE 34SC</b>							
	50					34SC-Q-50	34SC-I-50	14.1
	100					34SC-Q-100	34SC-I-100	28.2

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Cell Type	Path	Width	Height	P/N	P/N	P/N	Volume (ml)
	Length	(mm)	(mm)	Optical	UV Quartz	IR Quartz	
	(mm)			Glass	UV-VIS	UV-VIS-NIR	
				G	Q	I	
 <b>LONG OUTLET CYLINDRICAL CELL TYPE 37</b>	5	ϕ 22	92	37-G-5	37-Q-5	37-I-5	1.4
	10	ϕ 22	92	37-G-10	37-Q-10	37-I-10	2.8
 <b>DEMOUNTABLE FLOW THROUGH CELL TYPE 49</b>	1	12.5	45		49-Q-1		0.3
	10	12.5	45		49-Q-10		3.0
 <b>SELF MASKING FLOW THROUGH TYPE 50/51/52</b>	10	ϕ 1	45	50-G-10	50-Q-10	50-I-10	0.01
	20	ϕ 1	45	50-G-20	50-Q-20	50-I-20	0.016
	30	ϕ 1	45	50-G-30	50-Q-30	50-I-30	0.025
	10	ϕ 2	45	51-G-10	51-Q-10	51-I-10	0.018
	20	ϕ 2	45	51-G-20	51-Q-20	51-I-20	0.036
	30	ϕ 2	45	51-G-30	51-Q-30	51-I-30	0.055
	10	ϕ 3	45	52-G-10	52-Q-10	52-I-10	0.03






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	20	∅ 3	45	52-G-20	52-Q-20	52-I-20	0.06
	30	∅ 3	45	52-G-30	52-Q-30	52-I-30	0.09
Outer Width(mm): 12.5							
 <p><b>WATER JACKETED w/STOPPER TYPE 54</b></p>	10	12.5	48		54-Q-10		1.2
	Height is without stopper Length is without tubes Tubes to water jacket OD 4mm, ID 2mm, L 10mm						
 <p><b>SELF MASKING FLOW THROUGH TYPE 55</b></p>	10	12.4	35	55-G-10	55-Q-10	55-I-10	0.03
	inside width(mm) ∅ 2						
Cell Type	<b>Path Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>P/N Optical Glass</b>	<b>P/N UV Quartz UV-VIS</b>	<b>P/N IR Quartz UV-VIS-NIR</b>	<b>Volume (ml)</b>
				<b>G</b>	<b>Q</b>	<b>I</b>	
 <p><b>SELF MASKING FLOW THROUGH TYPE 56</b></p>	10	12.4	15	56-G-10	56-Q-10	56-I-10	0.03
	inside width(mm) ∅ 2						



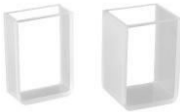
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 <p><b>MICRO CELL WITH BLACK WALLS TYPE 57</b></p>	10	12.5	45	57-G-10	57-Q-10	57-I-10	0.1	
	Inside width (mm) 2							
 <p><b>MICRO CELL WITH BLACK WALLS TYPE 58/59</b></p>	10	2	13	58-G-2	58-Q-2	58-I-2	0.05	
	10	4	13	58-G-4	58-Q-4	58-I-4	0.1	
	10	2	19	59-G-2	59-Q-2	59-I-2	0.05	
	10	4	19	59-G-4	59-Q-4	59-I-4	0.1	
	Out Width(mm) 12.5							
 <p><b>CELLS FOR REFLECTION MEASUREMENTS TYPE 62</b></p>		∅ 34	25	62-G-25	62-Q-25	62-I-25	12.0	
		∅ 50	30	62-G-30	62-Q-30	62-I-30	32.0	
		∅ 60	40.5	62-G-40.5	62-Q-40.5	62-I-40.5	73.0	

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 <p><b>LARGE CELL TYPE 63</b></p>	20	25	22.5	63-G-20	63-Q-20	63-I-20	6.0
	30	35	32.5	63-G-30	63-Q-30	63-I-30	22.5
	40	45	42.5	63-G-40	63-Q-40	63-I-40	56.0
	50	55	52.5	63-G-50	63-Q-50	63-I-50	112.5
<p><b>Cell Type</b></p>	<b>Path Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>P/N Optical Glass</b>	<b>P/N UV Quartz UV-VIS</b>	<b>P/N IR Quartz UV-VIS-NIR</b>	<b>Volume (ml)</b>
				<b>G</b>	<b>Q</b>	<b>I</b>	
 <p><b>ABSORPTIOMETER RECTANGULAR TYPE 65</b></p>	10	12.5	45		65-Q-10		2.52
	Height is without tubes Tubes OD 4mm, ID 2mm, L 10mm						
 <p><b>ABSORPTIOMETER RECTANGULAR TYPE 96</b></p>	5	28	40	96-G-5	96-Q-5	96-I-5	4.4
	10	28	40	96-G-10	96-Q-10	96-I-10	8.8