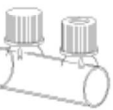


## Medium and Long Pathlength Cylindrical Cells

### Type 32 Medium Pathlength, with PTFE stopper



- SOG = Special optical Glass 320 - 2500nm
- PX = Pyrex 325 - 2500nm
- Q = Far UV Quartz 170 - 2700nm
- I = Near infra red Quartz 220 3800nm
- SX = Far UV - IR Quartz (water free) 170 - 3500nm

Starna Type	Material Type	Path Length	Ext		Int		Nom Vol	No of Polished
			Diameter	Length	Diameter	Length		
No	Available	mm	mm	mm	mm	mm	ml	Windows
32	SOG/PX/Q/I/SX	1	22	3.5	19	1	0.280	2
32	SOG/PX/Q/I/SX	2	22	4.5	19	2	0.560	2
32	SOG/PX/Q/I/SX	5	22	7.5	19	5	1.400	2
32	SOG/PX/Q/I/SX	10	22	12.5	19	10	2.800	2
32	SOG/PX/Q/I/SX	20	22	22.5	19	20	5.600	2
32	SOG/PX/Q/I/SX	50	22	52.5	19	50	14.100	2
32	SOG/PX/Q/I/SX	100	22	102.5	19	100	28.200	2

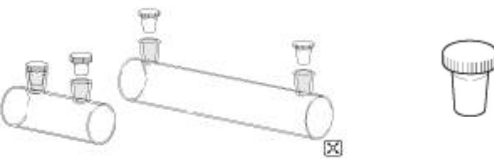
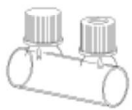
### Type 32 and 34 GL14 Cylindrical Anaerobic with screw Cap(s)



- SOG = Special optical Glass 320 - 2500nm
- PX = Pyrex 325 - 2500nm
- H = UV Silica 220 - 2500nm
- Q = Far UV Quartz 170 - 2700nm
- I = Near infra red Quartz 220 3800nm
- SX = Far UV - IR Quartz (water free) 170 - 3500nm

Starna Type	Material Type	Path Length	External		Internal		Nom Vol	No of Polished
			Diameter	Length	Diameter	Length		
No	Available	mm	mm	mm	mm	mm	ml	Windows
32GL14c or s	SOG/PX/H/Q/I/SX	10	22	12.5	19	10	2.800	2
32GL14c or s	SOG/PX/H/Q/I/SX	20	22	22.5	19	20	5.600	2
34GL14c or s	SOG/PX/H/Q/I/SX	50	22	52.5	19	50	14.100	2
34GL14c or s	SOG/PX/H/Q/I/SX	100	22	100	19	100	28.200	2

### Type 34 Cylindrical Cells, Long Pathlength



- SOG = Special optical Glass 320 - 2500nm
- PX = Pyrex 325 - 2500nm
- Q = Far UV Quartz 170 - 2700nm
- I = Near infra red Quartz 220 3800nm
- SX = Far UV - IR Quartz (water free) 170 - 3500nm

Starna Type	Material Type	Path Length	External		Internal		Nom Vol	No of Polished
			Diameter	Length	Diameter	Length		
No	Available	mm	mm	mm	mm	mm	ml	Windows
34	SOG/PX/Q/I/SX	50	22	52.5	19	1	14.100	2
34	SOG/PX/Q/I/SX	100	22	102.5	19	2	28.200	2

### Type 35 Cylindrical Cells, Large Diameter



- SOG = Special optical Glass 320 - 2500nm
- PX = Pyrex 325 - 2500nm
- Q = Far UV Quartz 170 - 2700nm
- I = Near infra red Quartz 220 3800nm

Starna Type	Material Type	Path Length	External		Internal		Nom Vol	No of Polished
			Diameter	Length	Diameter	Length		
No	Available	mm	mm	mm	mm	mm	ml	Windows
35	SOG/PX/Q/I	2	50	22.5	47	2	3.40	2
35	SOG/PX/Q/I	5	50	22.5	47	5	8.50	2
35	SOG/PX/Q/I	10	50	22.5	47	10	17.00	2
35	SOG/PX/Q/I	20	50	22.5	47	20	35.00	2
35	SOG/PX/Q/I	50	50	22.5	47	50	86.00	2

### Type 65 Cylindrical Cells, Constant Temperature



■ Q = Far UV Quartz 170 - 2700nm



Starna Type No	Material Type Available	Path Length mm	Ext		Sample Chamber		Overall Height mm	Nom Vol ml	No of Polished Windows
			Diameter mm	Length mm	Diameter mm	Length mm			
65	Q	0.01	22	20	10	0.01	32	0.737	2
65	Q	0.10	22	20	10	0.1	32	0.747	2
65	Q	0.50	22	20	10	0.5	32	0.792	2
65	Q	1	22	20	10	1	32	0.849	2
65	Q	2	22	20	10	2	32	0.962	2
65	Q	5	22	20	10	5	32	1.300	2
65	Q	10	22	10	14	10	32	0.825	2
65	Q	20	22	20	14	20	32	1.650	2
65	Q	50	22	50	14	50	32	4.125	2
65	Q	100	22	100	14	100	32	8.250	2

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