

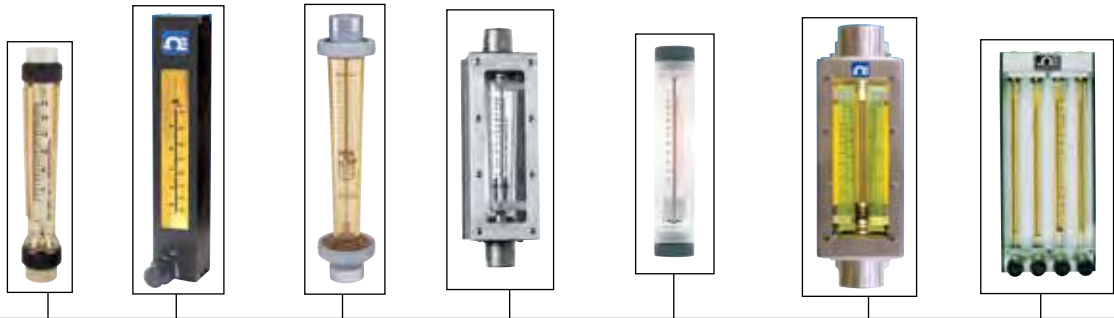
Rotameter Selection Guide



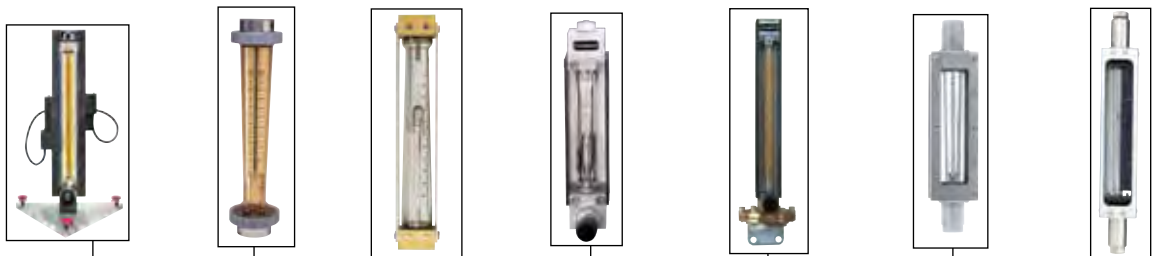
Model No.	FL-800	FL7000	FL-2000	FL4000	FL-1000	FL-30000	FL46300	FL-2500	FL50000A
Minimum Flow Rate AIR	0.1 SCFH	0.3 SCFH	0.1 SCFH	0.3 SCFH	0.5 SCFH	—	—	0.2 SCFH	0.025 GPM
Maximum Flow Rate AIR	200 SCFH	62 SCFM	4000 LPM	62 SCFM	100 SCFH	—	—	45 SCFH	20 GPM
Minimum Flow Rate WATER	0.2 GPH	0.7 GPH	4 mL/min	0.7 GPH	0.1 GPH	5 GPM	0.03 GPM	0.1 GPH	0.1 SCFM
Maximum Flow Rate WATER	40 GPH	20 GPM	75 L/min	20 GPM	20 GPH	1900 GPM	20 GPM	11 GPH	45 SCFM
Maximum Temperature °F	150	130	150	130	130	190	150	150	120
Maximum Pressure PSIG	100	125	100	125	100	150	150	100	120
Accuracy	4% of Full Scale	2 to 6% of Full Scale	2 to 5% of Full Scale	2 to 6% of Full Scale	10% of Full Scale	10% of Full Scale	5% of Full Scale	5% of Full Scale	5% of Full Scale
Connection	1/8 FNPT	1/4 to 1 NPT	1/8 to 1 NPT	1/4 to	1/8 FNPT	1 to 8" Pipe	1/4 to 1 NPT	1/8 NPT	1/4 to 1 MNPT
Valves	↘		↘	↘	↘			↘	↘
Special Features	Compact Size	Direct Read	Panel Mount/ In-line	Panel Mount	Purge Panel Mount	Dual Scale with LPM	Dual Scale with LPM	Inter-changeable Scales	Dual Scale with LPM



Model No.	FLD	FL-5000 FL-50000	FL-3600 FL-3800	FL-1700	FL-10	FL-3000 FL-3100	FL-1900	FL-1800
Minimum Flow Rate AIR	0.2 SCFH	5 mL/min	0.6 mL/min	0.01 SCFH	—	0.8 mL/min	0.2 SCFH	4.9 mL/min
Maximum Flow Rate AIR	1 SLPM	66.3 sL/min	59.4 L/min	44 SCFH	—	29.3 L/min	120 SCFH	23.5 L/min
Minimum Flow Rate WATER	0.1 SLPM	2 mL/min	0.007 mL/min	0.001 GPH	0.2 GPH	0.03 mL/min	0.01 GPH	0.05 mL/min
Maximum Flow Rate WATER	2 SLPM	2.08 L/min	1.8 L/min	8 GPH	11.98 GPM	829 mL/min	30 GPH	573 mL/min
Maximum Temperature °F	250	200	180	100	250	150	250	100
Maximum Pressure PSIG	200	200	200	150	100	100	200	150
Accuracy	5% of Full Scale	3 to 5% of Full Scale	2% of Full Scale	10% of Full Scale	5% of Full Scale	2% of Full Scale	10% of Full Scale	5% of Full Scale
Connection	1/8 FNPT	1/8 FNPT	1/8 FNPT	1/4 FNPT	1/4 to 3/4 FNPT	1/4 FNPT	1/4 FNPT	1/4 FNPT
Valves	↘	↘	↘	↘	↘	↘	↘	↘
Special Features	Direct Read for Air, Water, N ₂ , H ₂ , CO ₂ , Ar, He, O ₂	Panel Mount	Panel Mount	Corrosive Applications	PTFE Wetted	Corrosive Applications	Purge Panel Mount	Panel Mount



Model No.	FL-86	FLD1000 FLD2000	FL45100	FL600G	FL-75	FLD100	FL-2, 3, 4AA, SA, AB, SB, GP
Minimum Flow Rate AIR	—	0.5 SCFM	—	0.3 SCFM	—	0.1 SCFM	2 mL/min
Maximum Flow Rate AIR	—	30 SCFM	—	245 SCFM	—	250 SCFM	69.9 L/min
Minimum Flow Rate WATER	0.1 GPM	0.1 GPM	1 GPM	0.07 GPM	0.5 GPM	0.03 GPM	0.02 mL/min
Maximum Flow Rate WATER	100 GPM	5 GPM	40 GPM	116 GPM	200 GPM	116 GPM	2.0 L/min
Maximum Temperature °F	160	250	212	200	130	200	180
Maximum Pressure PSIG	125	150	150	250	150	200	200
Accuracy	3% of Full Scale	5% of Full Scale	3% of Full Scale	3% of Full Scale	3 to 5% of Full Scale	3% of Full Scale	2% of Full Scale
Connection	½ to 2 NPT	¾ FNPT	1 FNPT	½ to 2 NPT	1 to 2 NPT	½, 1, 2 FNPT	¾ FNPT
Valves		↙					↙
Special Features	Direct Read	Direct Read for Air and Water	Dual Scale w/LPM	Direct Read	Direct Read	Direct Read in English and Metric Units	Multiple Tube Assembly



Model No.	FLSW	FL45200A	FL-1500A	FL-1200	FL-1300/FL-1400	FL900G	FL-1600A
Minimum Flow Rate AIR	0.5 mL/min	40 SCFM	0.3 SCFM	0.04 SCFM	146 mL/min	0.3 SCFM	0.2 SCFM
Maximum Flow Rate AIR	69 L/min	240 SCFM	25.76 SCFM	15 SCFM	85 SCFH	350 SCFM	25.76 SCFM
Minimum Flow Rate WATER	0.05 mL/min	2 GPM	0.08 GPM	0.08 GPM	24.9 mL/min	0.06 GPM	0.06 GPM
Maximum Flow Rate WATER	2 L/min	175 GPM	6.28 GPM	5 GPM	1350 mL/min	132 GPM	6.28 GPM
Maximum Temperature °F	158	200	250	250	250	200	250
Maximum Pressure PSIG	200	150	300	200	200	300	300
Accuracy	2% of Full Scale	3% of Full Scale	2% of Full Scale	10% of Full Scale	5% of Full Scale	2% of Full Scale	2% of Full Scale
Connection	¾ FNPT	2 FNPT	½ to 1 NPT	¾ FNPT	¼ FNPT	½ to 2 NPT	½ to ¾ NPT
Valves	↙			↙	↙		
Special Features	High and Low Alarms	Dual Scale with LPM	250 mm Scale 0 to 100%	316 SS Direct Read	Purge Panel Mount	Direct Read	Heavy Duty Scale 0 to 100%