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TECHNOLOGY GROUP

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Find the *OMEGA FL-1703* at our website: ***Click HERE***

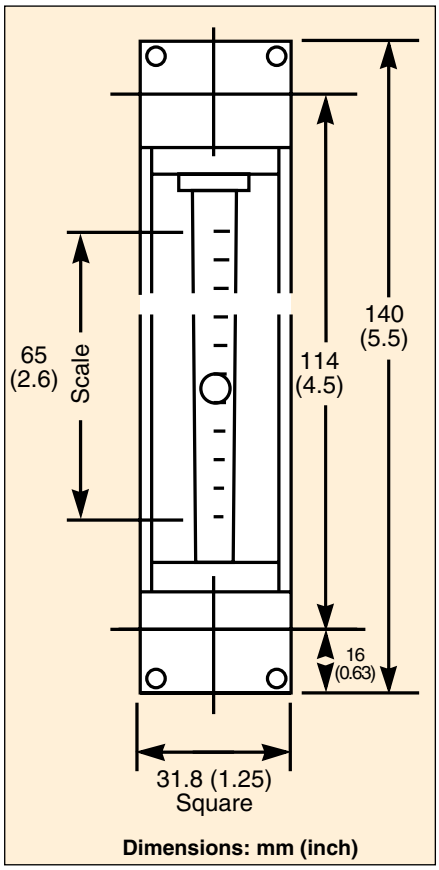
ROTAMETERS FOR CORROSIVE APPLICATIONS

CAPACITIES: 0.011 to 8 GPH of Water, 0.13 to 44 SCFH of Air

FL-1700 Series

1 YEAR WARRANTY

- ±10% Full Scale Accuracy
- ±0.5% Full Scale Repeatability
- Compact 65 mm (2.6") Scale
- Direct Reading Scales for Air and Water
- PVDF and Glass Wetted Parts
- Machined End Fittings
- Side Plate Construction
- Non-Rotating Seal Spindle



Dimensions: mm (inch)



FL-1705-V rotameter with optional 316 SS control valve shown actual size.

The OMEGA® FL-1700 and FL-1800 glass tube rotameters are similar in design to the FL-1300 and FL-1400 series units shown in this section, except that these units are designed for use with corrosive fluids. Fluid contact is limited to the glass tube and float, PVDF end fittings, FKM O-Rings and tube packing, and the PTFE float stops. No stainless steel wetted parts are employed.

These units are also available with an optional integral needle control valve (Note: the valve has 316 SS wetted parts). Also available, FL-1900 series rotameters offer stainless steel construction with a 65 mm (2.6") flow tube at an economical price. Visit **omega.com/fl1900** for specifications.

End Fittings, Seal Spindle: PVDF
Side Plates: Aluminum
Float Stops: PTFE
Tube Packing: FKM
O-Rings: FKM
Maximum Pressure: 10.34 bar (150 psig) at 38°C (100°F)

SPECIFICATIONS

Scales: 65 mm (2.6"), direct reading for air and water
Accuracy: ±10% full scale
Repeatability: ±0.5% full scale
Connections: ¼ NPT, female horizontal
Metering Tubes: Borosilicate glass
Floats: Glass

To Order

Air Model No.	Air Range	Water Model No.	Water Range
FL-1701	0.01 to 0.13 SCFH	**FL-1711**	0.001 to 0.011 GPH
FL-1702	0.02 to 0.15 SCFH	**FL-1712**	0.001 to 0.013 GPH
FL-1703	0.09 to 0.95 SCFH	**FL-1713**	0.011 to 0.11 GPH
FL-1704	0.38 to 3.8 SCFH	**FL-1714**	0.065 to 0.65 GPH
FL-1705	1.3 to 13 SCFH	**FL-1715**	0.24 to 2.4 GPH
FL-1706	4.4 to 44 SCFH	**FL-1716**	0.8 to 8 GPH

Comes complete with operator's manual.
*For units with 316 SS control valve, add suffix "**-V**" to model number, for additional cost.*
***Ordering Examples: FL1703-V**, air rotameter with 316 SS control valve.*
***FL-1715**, water rotameter without valve.*

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