

HEAVY-DUTY INDUSTRIAL ROTAMETERS

**CAPACITIES: 0.055 to 6.28 GPM of Water,
0.22 to 25.76 SCFM of Air**

FL-1600A Series
Starts at

\$1100



- ✓ ±2% FS Accuracy
- ✓ ±½% FS Repeatability
- ✓ Dowel-Pin, Side-Plate Construction
- ✓ 10 to 100% of Flow Scale
- ✓ Correlation Equations Permit Use with Any Fluid
- ✓ Packing Glands for Industrial Installations
- ✓ Shielded for Use in Pressurized Systems
- ✓ Horizontal Ports for Panel Mounting

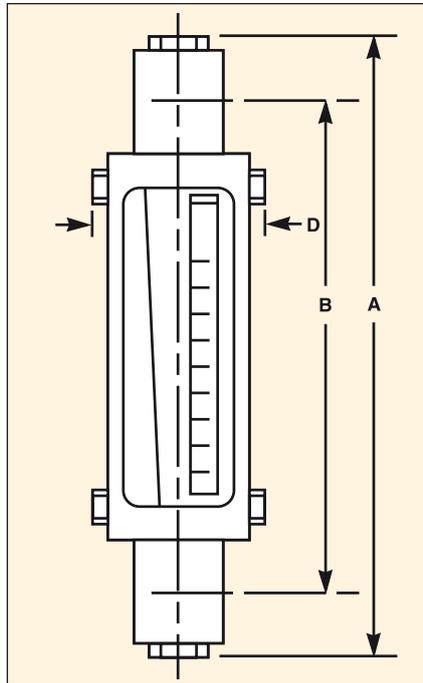
OMEGA® FL-1600 industrial flowmeters are designed for high-accuracy industrial uses. They feature dowel-pin, side-plate construction and externally adjustable packing glands for use in industrial piping systems.

SPECIFICATIONS

Metering Tube: Borosilicate glass
Floats: 316 SS
End Fittings:
316 SS standard, brass optional

Dimensions: mm (in)

Model No.	A	B	D
FL-1601A, 1602A	518 (20.4)	419 (16.5)	83 (3.3)
FL-1603A	559 (22)	445 (17.5)	95 (3.8)
FL-1604A, 1605A	581 (22.9)	445 (17.5)	108 (4.3)



Packing Material:
Brass Meters: Neoprene
316 SS Meters: PTFE
O-Rings: PTFE
Side Plates: Aluminum
Gland Rings: Steel
Safety Glass Windows:
Aluminum frames
Gland Followers: Aluminum
Scale: 250 mm (9.8"), detachable metal plate
Accuracy: ±2% FS
Repeatability: ±0.5% FS
Max Temp: 121°C (250°F)

For correlation with other fluids, see page B-7.



FL-1601A, \$1100, shown smaller than actual size.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Range Air (SCFM)	Range Water (GPM)	Pressure Drop (H ₂ O)	Max Pressure (psig)	Ports FNPT
FL-1601A	\$1100	0.22 to 2.22	0.055 to 0.55	3"	300	½
FL-1602A	1100	0.428 to 4.28	0.10 to 1.04	9"	300	½
FL-1603A	1320	0.796 to 7.96	0.19 to 1.90	6"	175	¾
FL-1604A	1420	1.80 to 18.05	0.45 to 4.54	9"	100	¾
FL-1605A	1420	2.5 to 25.76	0.63 to 6.28	13"	100	¾
ES-1026	180	Reference Book: An Introduction to Water Quality Modeling				

For units with brass end fittings, add suffix "-B" to model number and subtract \$210 from price.

Ordering Examples: FL-1602A-B, rotameter with brass end fitting, 0.428 to 4.28 SCFM and 0.10 to 1.04 GPM ranges, \$1100 - 210 = \$890.

FL-1603A, rotameter with flow ranges of 0.796 to 7.96 SCFM air and 0.19 to 1.90 GPM water, \$1320.

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• Flow and Level

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• pH and Conductivity

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• Heaters

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