

FLOWMETER Series 7965

The Series 7965 flowmeters use 65mm flow tubes with a single float. They are calibrated to read directly in SCCM, SLPM or SCFH of air. Correction factors are available for a number of common gases. The Series 7965 flowmeters are available in chrome plated brass or stainless steel.

SPECIFICATIONS

Maximum Inlet Pressure: 200 psig

Temperature Range: -20° to +250°F

Valve: Standard or high accuracy needle valve

Dimensions: 1 1/4"W x 5 1/2"H x 2 3/4"D

Accuracy: ±5% full scale

Repeatability: ±0.25% of scale reading

Inlet and Outlet: 1/4" NPT female standard

FRAME WITH VALVE

Model	Material
7965B*	Chrome plated brass with standard valve
7965BHA*	Chrome plated brass with high accuracy valve
7965S*	316 Stainless Steel with standard valve
7965SHA*	316 Stainless Steel with high accuracy valve

*Select flow tube from table on right.



HOW TO ORDER

Model – X – Y

X=tube required

Y=optional fittings

Example: 7965B-J03G-T4FF

Options:

- 1/4" hose barbs inlet and outlet - add suffix "4HB"
- 1/4" compression tube fittings inlet and outlet
- 1/8" compression tube fittings inlet and outlet

P/N Suffix:

- 4HB
- T4FF
- T2FF

Bench stand - Model 7920B

65MM TUBE CUBE SELECTION

Tube Number	Float Material	Flow Range*†
J07G	glass	0.7-7 sscm
J15G	SS	5-50 sccm
J15S	SS	7-75 sccm
J15ST	glass	10-100 sccm
J13ST	SS	13-130 sccm
J03C	carboly	25-250 sccm
J10ST	carboly	50-500 sccm
J01G	glass	100-1000 sccm
J04G	glass	0.1-1 slpm
J75T	SS	0.2-2 slpm
J03G	glass	0.5-5 slpm
J02ST	SS	1-10 slpm
J11ST	SS	1-16 slpm
J01ST	SS	2-25 slpm
J03ST	SS	4-40 slpm
J05G	glass	0.2-2.2 SCFH
J18G	glass	0.5-6 SCFH
J19ST	SS	1-10 SCFH
J61ST	SS	2-18 SCFH
J18ST	SS	3-25 SCFH
J01ST	SS	5-50 SCFH
J14G	SS	10-100 SCFH
J02C	carboly	10-150 SCFH

*Other ranges available.

†All calibrations are for air @ 0 psig outlet and 70°F.