

Low-Flow Purge Meters

Model 32

The Model 32 Series purge meters are designed as a practical approach to low flowrate indication of noncorrosive gases at lowest possible cost. They offer an economical means of measuring gas at low pressures where $\pm 10\%$ accuracy is acceptable.

The metering tube for each flowmeter is molded directly into a clear, high impact polycarbonate plastic body. A direct reading scale for air in standard cubic feet per hour (SCFH) at 70°F and 14.7 psia is provided on the meter body. A unique valve design allows bubble-tight shutoff. An integral bezel and threaded mounting screw permits either flush or front panel mounting.

Make certain the gas you are using is compatible with the materials of construction.



Specifications

Operating Pressure: 100 psig (7 bar) maximum

Operating Temperature Range:
-20°F to 130°F (-28°C to 54°C)

Scale Length: 37 mm standard

Accuracy: $\pm 10\%$ full-scale

Repeatability: $\pm 1\%$ instantaneous reading

Connections: 1/8" NPT Female

Materials of Construction

Body and Tube: Polycarbonate plastic

Connections and Valve: 316 Stainless Steel

O-Ring Seal: Viton®

Model Number	Metering Float Material	Range SCFH Air at 70°F (21°C) and 14.7 psia (1 bar)
Q2-32A	Glass	0.3 – 3
Q2-32B	316 Stainless Steel	0.5 – 6
Q2-32C	Glass	1 – 10
Q2-32D	316 Stainless Steel	2 – 20
Q2-32E	Glass	5 – 50
Q2-32F	316 Stainless Steel	10 – 100