**Series VA**

**PTFE/Glass Flowmeters**

Variable Area, Universal 65 mm and 150 mm Scales, ±2% FS Accuracy

Measure flow of corrosive or ultra-pure liquids or gases with the Series VA Variable Area PTFE/Glass Flowmeters. Flowmeters are constructed of chemically inert materials and housed in a rigid anodized aluminum frame with a polycarbonate safety shield. Units are designed with a easy-to-read universal mm scale and supplied with a correlation chart containing calibration data for air and water. Correlation data for other gases and liquids are available.

**ACCESORY**

VA7, Acrylic tripod for single meter

**OPTION**

For NIST traceable calibration certificate, use order code NISTCAL-FL1.

**SPECIFICATIONS**

- **Service:** Compatible gases or liquids.
- **Wetted Materials:**
  - Flowtube: Borosilicate glass;
  - Float: Glass (sapphire optional);
  - End fittings and end packings: PTFE, O-rings and packings: PTFE.
- **Temperature Limits:** -15 to 150°F (-26 to 65°C).
- **Pressure Limits:** 100 psi (6.7 bar).
- **Accuracy:** ±2% FS @ 70°F (21.1°C) and 14.7 psi (1 atm absolute).

- **Turn-Down Ratio:** 10:1.
- **Repeatability:** ±0.25%.
- **Leak Integrity:** 1 x 10⁻⁷ sccts of helium.
- **Scales:** Universal 65 mm or 150 mm with correlation charts.

**Diagram**

Flowmeters are available in vertical in-line mounting or panel mounting. Units are shipped containing calibration data for air and water. Correlation data for other gases and liquids are designed with unique rotatable scales of dual, air-water direct reading graduations. Flow rate is indicated in scfm and LPM for air and GPM and LPM for water. Graduations are marked on a rotating, polycarbonate tubeshield which also serves as a protective cover for the flowtube. Flowmeters include a reflective plastic background and housed in a rigid anodized aluminum frame with a polycarbonate safety shield. Units are designed with an easy-to-read universal mm scale and supplied with a correlation chart containing calibration data for air and water. Correlation data for other gases and liquids are available.

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