566 Series Purge meters

The CONCOA 566 Series purge meter is a reliable, economical flowmeter for low-pressure, noncorrosive gas service. Constructed from precision-machined block acrylic, this compact variable-area flowmeter features a standard cartridge-style needle valve for precise, manual flow control. The 2" (53mm) direct-read scale calibrated in SCFH (air) provides instant, visual flow confirmation without the need for manual correlation charts. The Series is available with either brass or 316L stainless steel end fittings.



566 2001 shown

Typical Applications

- System and Line Purging
- Basic Gas Bubbling and Sparging
- Carrier and Dilution Gas Regulation
- Environmental Headspace Blanketing
- Localized Point-of-use Flow Control

Features

Direct-Read SCFH (air) Scale ensures high measurement accuracy
Durable Uni-Body Acrylic Construction eliminates leaks and panel detachment
Stable, Easy-to-Read Float permits steady measurements

Materials and Specifications

Maximum Pressure: 100 PSIG (7 BAR)
Maximum Temperature: 150°F (65°C)
Body: Clear acrylic
Connections: Brass or stainless steel
Seals and Packing: Buna-N® (brass); PVC or FKM (stainless steel)
Accuracy: ± 3% full scale

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Ordering Information

566	A	B	C	D
Series 566*	Material			
	1: Brass	**1:** N/A	**1:** N/A	**1:** 0.1 to 1 SCFH
	2: Stainless steel			**2:** 0.5 to 5 SCFH
				3: 1 to 10 SCFH
				4: 5 to 50 SCFH
				5: 10 to 100 SCFH

**566 Series Purge meters not suitable for oxygen or oxidizing mixture service.*