

# Mass Gas Flow Meter

## DigiFlow



DigiFlow, Digital Flow Meter is a Micro-controller based mass flow meter designed for precise and accurate measurements of gases (Air, N<sub>2</sub>, O<sub>2</sub>, CO<sub>2</sub>, and He). It measures true gas flow that is independent of temperature and pressure changes. The flow is displayed directly in Standard Cubic Centimeter per Minute (SCCM).

DigiFlow, Digital Gas Flow Meter incorporates an accurate micro-mass flow sensor, which operates on the theory of heat transfer due to mass airflow directed across the surface of the sensing element.

### Measures

- Mass flow of Air, N<sub>2</sub>, Co<sub>2</sub>, He
- Positive and negative Flow.

**Not For H<sub>2</sub> Applications**

NIST Traceable Calibration

### Features:

- Direct Measurement of Flow
- Fast, Accurate & Portable
- Large LCD
- No Temp. Or Pressure correction needed
- No Glass tubes, No Bubbles, No messy setup.
- Battery powered.

### Specifications:

**Display:** LCD 16 x 2 Character Display.

**Measures:** Mass Flow of AIR, N<sub>2</sub>, CO<sub>2</sub>, He

**Measurement Range:** 0 to 500 SCCM (Air, N<sub>2</sub>)

**Maximum Pressure:** 20 PSI

**Accuracy:** ± 2% ± 1 LSD

**Sensor:** Solid State Mass Flow Sensor

**Connectors:** Lure Lock Type

**Operating Temperature:** 0 to 50 C

**Dimensions:** 5.5 x 3.5 x 1.5in

**Weight:** 0.635 Lbs

### Ordering Information:

Part Number	Description
770	Digi Flow Gas Flow Meter
301	Carrying Case



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