



OVERVIEW

DigiFlo, Digital Flow Meter is a Micro- controller based mass flow meter designed for precise and accurate measurements of gases (Air, N₂, O₂, CO₂, 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).

DigiFlo, 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.

★ **Compact** ★ **Easy to Use** ★ **Best Value**

PRODUCT HIGHLIGHTS

- Direct Measurement of Flow
- Fast, Accurate & Portable
- No Temp. or Pressure correction needed
- No Glass tubes, No Bubbles, No messy setup
- Battery powered
- Easy to Use
- Small, Compact Size
- Menu driven operation
- Excellent Value

MEASURES

- Mass flow of Air, N₂, Co₂, He
- Positive and negative Flow

Not For H₂ Applications

Ordering Information

Part No:
770 : DigiFlo 1000, Digital Gas Flow Meter

Standard Accessories:
301 : Hard Carrying Case

SPECIFICATIONS

Accuracy:

+/- 4 % of reading, + 1 Digit Flow Range (Volume); 0.1 to 500 Standard Cubic Centimeters Per Minute (SCCM); Auto-ranging (Air and N₂). Other gases vary

Display:

Two Line, 16 character LCD

Maximum Pressure:

20 Pounds Per Square Inch (PSI)

Calibrated Gases:

Air, N₂, O₂, CO₂ and HE

Sensor Type:

Micro bridge mass flow

Connector:

Luer Lok type

General

Power Requirements:

9V alkaline battery; optional AC adapter available

Housing:

High impact ABS plastic case

Environmental

Environmental Operating Range:

32° to 122° F (0° to 50° C)

Dimensions:

5.5" x 3.5" x 1.5" (13.75 x 8.75 x 3.75 cm)

Weight:

0.635 lbs (0.283 kg)



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