



OVERVIEW

DigiFlow 2000, Digital Gas Flow Meter is a state of the art, microcontroller based mass flow meter designed for precision measurements of various gases (Air, N₂, O₂, CO₂, N₂O and Arg). 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), Liter per minute (LpM) and Actual Cubic Feet per Minute (ACFM).

DigiFlow 2000 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.

DigiFlow 2000 is menu driven and easy to use. It is available in four different flow ranges - 5 LPM, 10 LPM, 15 LPM and 20 LPM.

FEATURES:

- Precision Gas flow measurement.
- User Selectable Gases
(Air, CO₂, N₂, O₂, ARG, N₂O)
- User selectable Ranges (LPM, SCCM, SCFM)
- No Temperature or Pressure conversion needed
- Backlit Graphics Display
- Simple and easy-to-use
- Rechargeable Li-Ion Battery
- Incredible Value

STANDARD MODEL & RANGES:

PART NO.	FLOW RANGE
780-5LPM-ACO2N2	5 LPM /5000 SCCM
780-10LPM-ACO2N2	10 LPM /10000 SCCM
780-15LPM-ACO2N2	15 LPM /15000 SCCM
780-20LPM-ACO2N2	20 LPM /20000 SCCM

All standard units calibrated in Air/N₂O and shipped in a custom hard carrying case with calibration certificate. Optional calibration with other gases available

★ Compact ★ Easy to Use ★ Best Value

SPECIFICATIONS

Measurement:

Mass Flow of Air, Co₂, N₂, O₂, ARG, N₂O

Measurement Range:

Refer to Models

Accuracy:

+/- 2% full scale reading or better as stated in the calibration certificate.

Calibrated Gases:

Air, N₂, O₂, CO₂, N₂O and ARG

Sensor:

Solid state Thermal Mass Flow

General

Power Requirements:

Rechargeable Li-Ion Battery

Housing:

High impact ABS plastic case

Battery Capacity:

Approx. 10 Hours continues operation between recharging.

Environmental

Environmental Operating Range:

68° F to 95° F (20° to 35° C)

Dimensions:

8.5" x4.5" x 2.0" (203 x114 x 50.8 Cm)

Weight:

10 Oz (0.28Kg)



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