



OVERVIEW

DigiFlow 2000 Digital Gas Flow Meter is a state of the art micro-controller based mass flow meter designed for precision measurements of mass flow of various gases (Air, N₂, O₂, CO₂, N₂O, and Ar). It measures Mass flow that is independent of temperature and pressure changes. The unit of flow is user selectable in SCCM (Standard Cubic Centimeter Per Minute), LPM (Liter per minute), and ACFM (Cubic Feet per Minute).

DigiFlow 2000 mass flow meter incorporates a precision 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 five different flow ranges - 1 LPM, 5 LPM, 10 LPM, 15 LPM, and 20 LPM.

PRODUCT HIGHLIGHTS

- Easy to use, Fast, Accurate & Portable
- 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
- Tilt-stand for benchtop or on-the-go testing
- Simple and easy-to-use
- Rechargeable Li-Ion Battery
- Incredible Value

ORDERING INFORMATION

- Part No:**
- | | |
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| 780-01-LPM: DigiFlow 2000 Digital Gas Flow Meter (0-1LPM) | 780-20-LPM: DigiFlow 2000 Digital Gas Flow Meter (0-20LPM) |
| 780-05-LPM: DigiFlow 2000 Digital Gas Flow Meter (0-5LPM) | Standard Accessories (Included): |
| 780-10-LPM: DigiFlow 2000 Digital Gas Flow Meter (0-10LPM) | 780-CASE : Hard Carrying Case |
| 780-15-LPM: DigiFlow 2000 Digital Gas Flow Meter (0-15LPM) | 660-HHS-002: Li-ion Battery Charger (7.4V) |
| | 780-Bard-Connector-Kit: Connector Kit |

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 and N₂O

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:

D x W x H: 8.5" x 4.5" x 2.0"
(203 x 114 x 50.8 Cm)

Weight:
10 Oz (0.28Kg)

