

PRODUCT TECHNICAL BRIEF

AMC2000 Digital Gas Mass Flow Controller, 100-1000 mL/min

AMC2000 Digital Gas Mass Flow Controller, 100-1000 mL/min - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Full-scale ranges stated in source record	100, 300, 500 and 1000 mL/min
Configured-gas options	Air, N ₂ , O ₂ , CO ₂ and Ar
Measurement	Mass-flow measurement referenced to the configured calibration conditions
Digital interface	RS-485 with Modbus RTU
Analog output	Option stated in source record; confirm signal range
Supply	24 V DC
Typical power consumption	2 W
Body material	304 stainless steel
Calibration	Factory calibration stated for flow, accuracy and response time

Technical and Project Information

Compact MEMS-based AMC2000 mass flow controller for configured clean, dry, non-corrosive gases. Full-scale options stated in the source record: 100, 300, 500 and 1000 mL/min. RS-485 Modbus RTU and an analog-output option support system integration. Confirm gas compatibility, calibration, fittings and electrical interface before ordering.

AMC2000 Digital Gas Mass Flow Controller

The AMC2000 measures and controls the mass flow of a configured clean, dry and non-corrosive gas. A MEMS flow sensor, control electronics and valve are integrated in a compact stainless-steel body.

Typical applications include laboratory gas delivery, environmental instruments, pharmaceutical and food-process equipment, controlled-atmosphere systems and automated gas dosing. Suitability for oxygen, medical, food, fire-protection or other regulated applications must be established for the exact configuration.

Confirm the gas, calibration reference conditions, full-scale range, allowable inlet pressure and pressure differential, accuracy, response time, valve type, fittings, wetted materials, elastomers, analog signal, Modbus register map, connector and calibration documentation before ordering.

- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: AMC2000 Digital Gas Mass Flow Controller, 100-1000 mL/min

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.