ATEQ

Measurement Solutions,
Global Leader.

CDF7000

MULTIRANGE FLOW CALIBRATOR

The CDF7000 allows you to check the calibration of leak and flow measurement instruments, as well as calibrated leaks and jets.

This portable, compact and user-friendly instrument lets you adjust very accurately your leak or flow rate with a real time reading on the display. You can now guarantee the quality of your products, whilst also complying with the requirements of standards such as ISO 9001.

BENEFITS

→ PORTABLE AND COMPACT INSTRUMENTS
→ LI-ION BATTERY
→ MEASURE: FLOW, PRESSURE, TEMPERATURE
→ PRESSURE AND VACUUM MEASUREMENT
→ COMMUNICATION WITH ATEQ DEVICES
→ MULTIRANGE SOLUTIONS (4+1)

ATEQ LEAK/FLOW TESTERS
Calibration checking of ATEQ leak testers

COMPETITOR LEAK/FLOW TESTERS
Checking of any other type of leak detectors

LEAK TEST FIXTURES
Allows checking of leak test fixtures

ateq.co.uk

CDF7000

MULTIRANGE FLOW CALIBRATOR

ENVIRONMENT

- ROHS standard

COMMUNICATION FORMAT

- RS232: Printer

Additional:
Time & date, language & units choice, test customization & more...

OPTION

- 4 standard ranges + 1 in option

ACCESSORIES

- USB Cord

OTHER

- Improved resolution compared to previous CDF
- More than 8h battery lifetime
- Strong carry case
- Can be used for field as well as laboratory checks
- Accreditation of CDF flow measurement ranges to ISO 17025 possible as an option

MEASUREMENT RANGES

CDF 7000: VACUUM AND PRESSURE MEASUREMENT SPECIFICATIONS (ALL RANGES)		
Flow	Accuracy = (L+R+H)*	0.2-2 mL/min: ± 1.5% Rdg + 0.7% FS
		Other Ranges: ± 1.5% Rdg + 0.3% FS
	Temperature drift	± 0.05% Rdg /°C
	Long-term drift	± 0.5% FS **(pending)**
	Resolution	**0.2-2 mL/min:** 0.001 mL/min
		2-20 mL/min: 0.001 mL/min
		20-250 mL/min: 0.1 mL/min
		250-2500 mL/min: 0.1 mL/min
		150 L/h - 1500 L/h: 0.1 L/h
		400 L/h - 4000 L/h: 0.1 L/h
		1000 L/h - 10 000 L/h: 1 L/h
Pressure	Accuracy = (L+R+H)*	± (1.5% Rdg + 0.15% FS)
	Resolution	0.001 bar
ATM P	Accuracy	± 1 hPa
	Resolution	0.1 hPa
Temperature	Accuracy	± 1°C
	Resolution	0.1°C

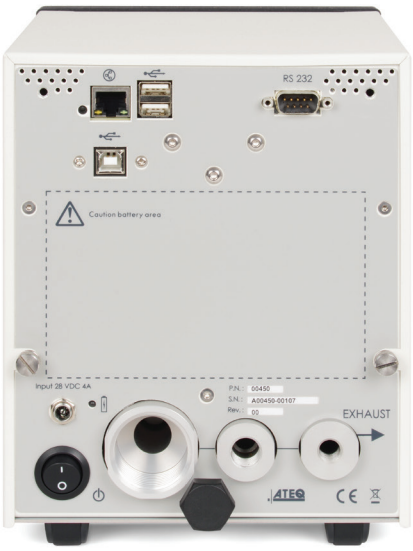
*Linearity + Repeatability + Hysteresis

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Physical	Weight: Approximately 5 kg Without handle (in mm): (HxDxL) 215 x 170 x 220
Interface	7" LCD Touch Screen
External electrical supply	28 V DC / 4 A Battery Li-ion 24 V / 4 A
Air supply	Clean and dry air required Air quality standard to be applied (ISO 8573-1)
Temperature	Operating: +5° C to +45°C Storage: 0°C to +60°C

MAIN FEATURES

- Measurement in actual or standard conditions
- Different displays available (bargraph - curves)
  USA / SI units
  New ergonomy
  User-friendly interface
  Easy connection to the test instruments
  Time and date function
  Print out (USB or RS232)



Specifications subjects to change without notice, non-contractual photos. March 2026.

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