



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.com

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	
ATMP	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 ergonomics
- User-friendly interface
- Easy connection to the test instruments
- Time and date function
- Print out (USB or RS232)



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