



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 (D/G/F OF S6-S7)
- 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

➔ FLEXIBLE COMMUNICATION FORMAT

- RS232: Printer, modbus RTU
- Slave USB: PC supervision (WinAteq 300, sesame)
- Master USB: USB key to transfer (parameters, results, ...)

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	Precision = (L+R+H)*	0.2-2 cc/min: $\pm 1.5\% \text{ Rdg} + 0.7\% \text{ FS}$ Other Ranges: $\pm 1.5\% \text{ Rdg} + 0.3\% \text{ FS}$
	Temperature drift	$\pm 0.05\% \text{ Rdg} / ^\circ\text{C}$
	Long-term drift	$\pm 0.5\% \text{ FS (pending)}$
	Resolution	0.2-2 cc/min: 0.001 cc/min
		2-20 cc/min: 0.001 cc/min
		20-2500 cc/min: 0.1 cc/min
		150 l/h - 1500 l/h: 0.1 l/h
		1500 l/h - 4000 l/h: 0.2 l/h
Pressure	Precision = (L+R+H)*	$\pm (1.5\% \text{ Rdg} + 0.15\% \text{ FS})$
	Resolution	0.1 mbar
ATMP	Precision	$\pm 1 \text{ hPa}$
	Resolution	0.1 hPa
Temperature	Precision	$\pm 1^\circ\text{C}$
	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: $+5^\circ\text{C}$ to $+45^\circ\text{C}$ Storage: 0°C to $+60^\circ\text{C}$

➔ 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)



ATEQ

15, rue des Dames - ZI des Dames 78340 Les Clayes-sous-Bois - France
+33 (0) 1 30 80 10 20 - info@ateq.com