



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.



## HIGHLIGHTS

- 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



# 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

### MEASUREMENT RANGES

CDF 7000: VACUUM AND PRESSURE MEASUREMENT SPECIFICATIONS (ALL RANGES)		
Flow	Precision = (L+R+H)*	0.2 cm <sup>3</sup> /min -> 10 000 l/h: ± 1.25% Rdg + 0.1% FS
	Temperature drift	± 0.05% Rdg /°C
	Long-term drift	± 0.5% FS (pending)
	Resolution	
		20 to 2500 ml/min: 0.1 ml/min
		150 to 1 500 l/h: 0.1 l/h
		1 500 to 4 000 l/h: 0.2 l/h
Pressure	Precision = (L+R+H)*	± ( 1.5% Rdg + 0.15% FS )
	Resolution	0.1 mbar
ATMP	Precision	± ( 1% Rdg + 0.3% FS )
	Resolution	0.1 mbar
Temperature	Precision	± 0.5°C
	Resolution	0.1°C

\*Linearity + Repeatability + Hysteresis

### TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Physical	Weight: Approximately 5 kg Without handle (in mm): H 215 x D 170 x L 220
Interface	7" LCD Touch Screen
External electrical supply	28 VDC / 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 ergonomomy
- User-friendly interface
- Easy connection to the test instruments
- Time and date function
- Print out (USB or RS232)



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