



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 ³ /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 |
| | | 4 000 to 10 000 l/h: 1 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)



ATEQ

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