

LFC

Leak Flow Calibrator



The Leak/Flow Calibrator allows the checking of 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 9000.

ATEQ
www.ateq.com



Measurement ranges:

MEASUREMENT	RANGE	ACCURACY F = Flow	RESOLUTION
Leak 1*	2 ml/min	$\pm (2.5\% \text{ of F} + 0.003 \text{ ml/min})$	0.001 ml/min
Leak 2*	20 ml/min	$\pm (2.5\% \text{ of F} + 0.03 \text{ ml/min})$	0.01 ml/min
Leak 3*	200 ml/min	$\pm (2.5\% \text{ of F} + 0.3 \text{ ml/min})$	0.1 ml/min
Leak 4*	2000 ml/min	$\pm (2.5\% \text{ of F} + 3 \text{ ml/min})$	1 ml/min
Leak 5* (OPTIONAL)	20 000 ml/min	$\pm (2.5\% \text{ of F} + 30 \text{ ml/min})$	10 ml/min
Leak 6* (OPTIONAL)	4000 l/h	$\pm (2.5\% \text{ of F} + 6 \text{ l/h})$	2 l/h
Leak 7* (OPTIONAL)	10 000 l/h	$\pm (2.5\% \text{ of F} + 15 \text{ l/h})$	5 l/h
Pressure	vacuum to 10 bar	$\pm (1.5\% \text{ of F} + 15 \text{ hPa})$	0.003 bar
ATM Pressure	950 to 1050 mbar	$\pm 1\% \text{ of D} + 3 \text{ digits}$	1 mbar
Temperature	+ 15 to + 35°	1 %	0.1 °C

Main features:

- Measurement in actual or ambient conditions
- USA and S.I. units
- Selection of languages
- Storage of 10 measured values
- Ready for future developments
- Calculation of the mean value
- Possibility to program checking sequence
- Time/Date function
- Automatic sleep mode
- LCD display (4 x 20 characters)
- 1 year's warranty
- Easy connection to the test instrument
- Can be used in any position
- Precision needle valve
- Robust carry case
- Portable (battery + charger)

Applications:

- Calibration checking of ATEQ leak detectors.
- Checking of any other type leak detectors.
- Capability studies and regular calibration check programs.
- Allows checking of leak test fixtures.

Technical specifications:

- Physical**
Weight: 3 kg
Size
H x W x D: 345 x 192 x 85 mm
- Pneumatic connections**
STAUBLI type quick release connectors
- Interface**
RS232 link via 9 pin subD connector
- Power supply**
Battery, charger included (110 V or 230 V, 50/60 Hz)
Minimum battery operation: 5 hours
- Air supply**
Dry and clean air is compulsory.
Air quality standard required ISO8573-1 class 4.4.3.
- Operating temperature**
+ 15°C to + 35°C



Specifications subject to change without notice



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