



Leak calibrator

The ZELTWANGER leak calibrator is used for simulating leaks to test and parameterize leak test devices. The leak calibrator is connected to the appliance's leakage simulation system, and the required leakage rate is set using a flow controller depending on the applied test pressure.

Measurement ranges:

+ / - 20 ccm / min | Nml / min

+ 200 / - 20 ccm / min | Nml / min

+ 2,000 / - 20 ccm / min | Nml / min

Purchase order number:

DB-100083-01

DB-100042-01

DB-100089-01

Other measurement ranges on request

Scope of delivery:

- 1 x ZELTWANGER leak calibrator
- 1 x plastic case with molded insert
- 1 x power supply unit
- 2 x AA Mignon batteries
- 1 x test hose including couplings
- 1 x test certificate

Accessories:

- 1 x interface cable RS-232 SUB D9 5 m
(Purchase order number: DE-100130)



Technical data:

Precision in sub range:	0 – 10 % < 0.15 % FS [Full Scale] (precision adjustment)
Precision in sub range:	10 – 100 % < 1.5 % FS (rough adjustment)
Display resolution:	0.005 % FS
Temperature influence on measured value:	0.06 % MV/°F / 0.1 % MV/°C (MV = Measured Value)
Maximum operating pressure:	145 psi / 10 bar static
Maximum flow rate:	5,000 ccm / min Nml / min
Data interface:	RS 232 (9-pin)
Dimensions (HxWxD):	Leak calibrator: 1.6x3.3x6.0 in / 40x83x153 mm Plastic case: 3.2x10.8x9.1 in / 82x275x230 mm
Weight:	Leak calibrator: 0.88 lb / 0.4 kg Plastic case: 2.43 lb / 1.1 kg
Power supply:	2 x batteries AA / 2 x 1.2 volt NiMH battery / 3.3 volt wide-range plug-in power supply unit (100 – 240 VAC)
Compressed air supply:	Compressed air free of oil and water (ISO 8573-1 class 3)
Temperature measurement range:	50 °F – 104 °F / 10 °C – 40 °C

Measuring device monitoring:

We recommend annual calibration of the leak calibrator.

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