

Leak calibrator

The ZELTWANGER leak calibrator is used for checking and parameterizing leak test and leakage testing devices. For this purpose, the leak calibrator is connected to the leak simulation of the device and the desired leak rate is set via a precision throttle, depending on the test pressure.

SCOPE OF DELIVERY

- + 1 x ZELTWANGER leak calibrator
- + 1 x plastic case with mold insert
- + 1 x power supply unit
- + 2 x AA Mignon battery
- + 1 x test hose, including couplings
- + 1 x test certificate (factory calibration)
- + Optional: DAkkS calibration

Measuring ranges:	Order number:	Order number:
	With factory calibration	With DAkkS calibration
+/-20 cm ³ /min Nml/min	118580	118584
+/-200 cm ³ /min Nml/min	118582	118585
+/-2,000 cm ³ /min Nml/min	118583	118586

Other measuring ranges available on request

ACCESSORIES

- + 1 x interface cable RS232
SUB D9 5 m



Leak calibrator



Technical specifications:

Accuracy in the subarea:	0 - 10% < 0.15% v. E. [From the end value] (Fine tuning)
Accuracy in the subarea:	10 - 100% < 1.5% v. E. (Rough adjustment)
Display resolution:	0,005% v. E.
Temperature influence on the measured value:	0.1% v. M. / °C [v. M. = of the measured value]
Maximum operating pressure:	10 bar static
Maximum flow:	5.000 Nml / min
Data interface:	RS 232 (9-pin)
Dimensions (HxWxD):	Leak calibrator: 40x83x153 mm Plastic case: 82x275x230 mm
Weight:	Leak calibrator: ca. 0.4 kg Plastic case: ca. 1.1 kg
Power supply:	2 x AA batteries / 2 x 1.2 volt NiMH battery / 3.3 volt wide range plug-in power supply (100-240 V AC)
Compressed air supply:	Oil and anhydrous compressed air [ISO 8573-1 class 3]
Temperature measuring range:	10°C - 40°C

Measuring equipment monitoring:

We recommend an annual calibration of the leak calibrator.