



Test leak

The ZELTWANGER test leak is used for simulating leaks to test and parameterize leak test devices. The test leak is connected to the appliance's leakage simulation system. The test leak contains a specially produced, temperature-insensitive glass capillary which is protected by a pre-filter against contamination and a metal housing against damage. The test leak is calibrated for a specific test pressure and a specific leakage rate.

Standard measuring ranges:

Leakage rates: 0.2 – 40 ccm / min | Nml / min

Test pressures: -13.1 – 435 psi / -0.9 – 30 bar

Other measurement ranges on request

Scope of delivery:

- 1 x test leak including pre-filter 5 microns
- 1 x plastic case
- 1 x plug nipple 4x6
- 1 x test certificate

Accessories:

- Adaptor
Stäubli RBE 03 /
Swagelok B-QC 4
- Stainless steel housing
- Customer-specific master component
with test leak (on request)

Purchase order number:



Example:

TL - B 19.0 0 p 05.0

For the complete purchase order, the following numbers must be entered depending on version:

1 Device: 1 TL Test leak	2 Material housing: 2 B Brass S Stainless steel
3 Leakage rate in ccm/min ml/min, against atmospheric: 3 Number ____	4 Overpressure / vacuum: 4 0 Overpressure V Vacuum
5 Unit of pressure: 5 p psi b bar m mbar	6 Pressure range in psi / bar or mbar: 6 Number 00.1 - ____

Technical data:

Accuracy:	+ / - 5 % of nominal value
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
Test medium:	Air (other media on request)

Measuring device monitoring:

We recommend annual calibration of the test leak.