

Leakage tester

LTEST



Description and advantages

Complete equipment for field measuring of leakage in duct systems, e.g. for handing over measuring according to EN 12599.

Also for serial testing of production or in laboratories directly connected via USB.

Measures leakage, leakage factor and achieved tightness class according to EN 13779.

Suitabel for measurements according to the standards EN 1507 and EN 12237 plus EN 1751 and EN 15727.

Large working range, for big systems as well as single fittings and residential ventilation systems.

Simple handling and automatic measuring cycle.

Operate with detailed user guide or in expert mode.

Printing of measuring protocol on site with termo printer.

Permanent data storage possible.

Customer and measure data management via supplied PC program.

Handy set, main device in plastic trunk, accessories in aluminium trunk, easy to transport and store.

Available special accessories and articles of consumption

Set of LTFP filter pads, 5 pcs.

Plastic hose (Ø 50 mm length 10 m) with end cover EPF Ø 100

Set of printer paper, for TD 100, 10 rolls

Seal-off bladder, size 3 for Ø 100–250 mm

Seal-off bladder, size 5 for Ø 200–400 mm

Seal-off bladder, size 10 for Ø 315–630 mm

Ordering example

Product	LTEST	600
Type		

Delivery includes

Leakage meter LTEST 600

Adapter type 0,3

Adapter type 3,0

Connection cable, 230 V, 10 A (length 2,5 m)

Termo printer TD 100 incl. 4 batteries 1,5 V AAA

Printer paper, 10 rolls

Plastic hose (Ø 50 mm, length 3,75 m) with end cover EPF Ø 100

Rubber hose (Ø 10 mm, length 10 m) with end cover EPF Ø 100

Hose for adapter 0,3 (length 4 m)

Brass nipples, 2 pcs.

Set of filter pads, 5 pcs.

Seal-off set, for circular, consisting of

Seal-off bladder (size 3), 5 pcs.

Seal-off bladder (size 5), 5 pcs.

Seal-off bladder (size 10), 5 pcs.

Hand air pump

USB-cable

CD with software, functions:

Customer and measure data management

Firmware update

User manual

Calibration protocol

Technical data

Pressure measurement

Principle	piezo-resistive semi-conductor sensor
Measuring range	-7000 to +7000 Pa
Resolution	0,1 Pa to ±900 Pa, above 1 Pa
Accuracy	the highest of ±0,5 Pa or ±2,5 % of reading

Flow measurement (at 1013 hPa and 20 °C)

Principle	hot film anemometer
Measuring range	0,0000 to 55,00 l/s (230 V, 50 Hz) 0,0000 to 40,00 l/s (110 V, 60 Hz)
Resolution	0,0001 l/s up to 0,3000 l/s, 0,001 l/s up to 3,000 l/s, 0,01 l/s above
Accuracy	the highest of ±0,0009 l/s or 5 % of reading

Measuring range for the adapters

Adapter 0,3	0,01 to 0,3000 l/s
Adapter 3,0	0,300 to 3,000 l/s
Without adapter	3,01 to 55,00 l/s

General data

Power supply	230 V, 50 Hz 110 V, 60 Hz
Power consumption	max. 9 A
Working temperature	+5 to +40 °C
Storage temperature	-20 to +50 °C
Main device weight	approx. 9,5 kg
Total weight	approx. 25 kg