

# 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.

Suitable 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 filter pads LTFP, 5 pcs.

Plastic hose LTLMS (Ø 50 mm length 10 m) with female connection Ø 100

Set of printer paper LTPP, for TD 100, 10 rolls

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

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

Seal-off bladder LBLADD, 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 TD100 incl. 4 batteries 1,5 V AAA

Printer paper, 10 rolls

Plastic hose (Ø 50 mm, length 3,75 m) with female connection Ø 100

Rubber hose (Ø 10 mm, length 10 m) with female connection 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

User manual

Calibration protocol

Download software from [www.lindab.com](http://www.lindab.com)

## Technical data

### Pressure measurement

|                 |   |
|-----------------|---|
| Principle       | piezo-resistive semi-conductor sensor       |
| Measuring range | -5000 to +5000 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)<br>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<br>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                |