

Pressure and air flow meter

PC410



Description

The meter PC410 is very versatile. Among its many properties is a unique capability to handle the setting of valves and air terminal units with variable k-factors. This very much simplifies the balancing of ventilation systems. The meter is hence very suitable for use together with Lindab's MBB-box.

Features

- Possibility to measure variable k-factors
- Logs data over time
- Magnet which attaches it to ducts
- Transfers data via USB
- Can be operated with one hand
- Display and print in English and Swedish ENSE

Supplied with

- Batteries and instruction manual
- 1 plastic box
- An adjustable carrying strap 1,5 m
- 1 silicone hose Ø 3,5 mm, t 1,5 mm, length 6 m
- A rubber tube Ø 5,5, t 2 mm, length 1,5 m

Optional

- Type AF for absolute pressure and internal moisture measurement
- Display and print in English and German ENDE
- Display and print in English and French ENFR

Ordering example

	PC410	ENSE
Product		
Type		

Differential pressure (internal with temperature compensated Piezo-bridge)	Range	-10 000 to +10 000 Pa
	Accuracy	< 3 % of the reading < 0,3 Pa in the range -10 to +10 Pa
	Resolution	1 Pa 0,1 Pa in the range -1100 to +1100 Pa
Temperature (internal with NTC-sensor)	Range	-20 to +60 °C
	Accuracy	< 1 °C
	Resolution	0,1 °C
Temperature (optional) (external with e.g. temperature pliers or surface temperature sensor)	Range	2 channels, -20,0 to +800,0 °C
	Accuracy	1,5 % of the reading, according to EN 50379-2 < 2 °C in the range -20 to +133 °C
	Resolution	0,1 °C
Relative humidity (optinal) (internal)	Range	0 to 100 % RH, non condensating
	Accuracy	< 2 % RH < 3 % RH in the range 90 to 100 % RH
	Resolution	0,1 % RH
Absolute pressure (optinal) (internal)	Range	30 000 to 110 000 Pa
	Accuracy	< 1,5 %
	Resolution	10 Pa

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Areas of use

- Pressure Measurements
- Flow Measurements
- Temperature measurement
- Humidity (internal)
- Energy efficiency of heating systems
- Temporary data monitoring / evaluation
- Suitable for handing over tests according to DIN EN 12 599

Optional features

Humidity and absolute pressure measurement are optional when ordering the PC 410, see page 1. Retrofit is possible but must be made by the manufacturer.

More opportunities are available with the help of additional accessories:

PC410DAT

PC software for data transfer, data management and any updates, incl. 1 USB-cable

PCSRs

S tube probe with integrated temperature sensors for flow measurement in duct

PCKAP

Capillary tubes for measuring pressure difference between rooms or outdoor air (such as 4 Pa-test)

PCPRA

Prandtl tube, 1000 mm long, Ø 7 mm

TD100

Thermal Printer

LTPP

Printer paper for thermal printer TD 100. Set of 10 rolls

PCAKKU

NiMH battery pack, 2 Ah

PCLGA400

Battery Chargers

Ordering example

Product **PC410DAT**

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Accessories / Supplies

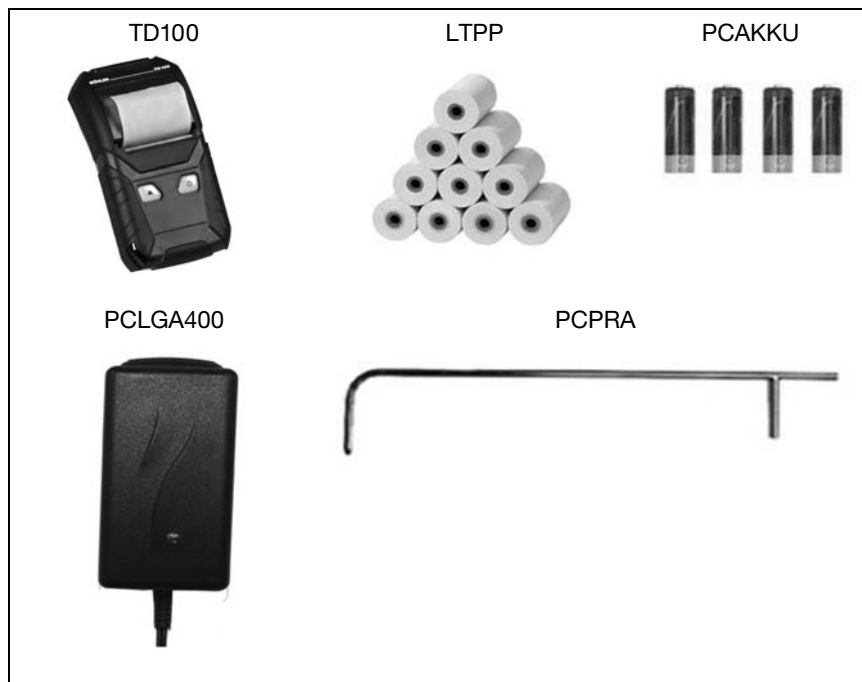
TD100 thermal printer, with one roll of thermal paper and 4 batteries.
Can also be used with Lindab Leakage Tester.

LTPP printer paper for thermal printer TD100. Set of 10 rolls, 57 mm wide

PCAKKU NiMH battery pack with four batteries, two Ah

PCLGA400 battery charger with adapter plugs EU, U.S., UK, Charging time: 3 hours

PCPRA Prandtl pitot tube, 1000 mm long, Ø 7 mm. Pitot factor 1,0.



Ordering example

Product **TD100**

