



CAPBs® set Heating system check sens



Benefits

- Complete set for performing 4 Pa test in buildings
- Robust, modular system case S, suitable for box and shelf system Sortimo-Boxx
- Wireless, immediate transmission of the measurement data to your AFRISO measuring instrument, smartphone or tablet with Bluetooth® technology
- Position-independent, temperature-compensated sensor technology for maximum precision in all measuring scenarios
- Free app for EuroSoft live for operation of all CAPBs® via smartphone and tablet. With pre-installed measurement menus for special applications and graphical representation of the measurement results



Application

- Measurement of the flow rate and determination of the temperature in the residual core flow of the flue gas line.

Versions

	Part no.
CAPBs® set Heating system check sens	P00067

Blue part no. = in-stock items

Description

Ready-to-be-used set in system case S with sensor module pressure/temperature CAPBs® sens FP 10 (20 mbar), Pitot tube and surface temperature probe. The measured data is used to calculate the ventilation loss. If the channel cross section is known, it is possible to calculate the volume flow. The measurement results of the surface temperature probe serve as the basis for calculating the surface loss of the heat generator.



Technical specifications

Dimensions (W x H x D)

Sensor module: 42 x 74 x 35 mm
Case: 260 x 63 x 155 mm

Weight

0.4 kg

Measuring range

Pressure: -20/+20 mbar
Temperature: -50/+600 °C
Pitot: 0.2/20 m/s

Accuracy

Pressure: ± 0.003 mbar (< 0.6 bar)
Pressure: ± 0.5 % v. Mw. ± 1 Digit (> 0.6 mbar)
Temperature: ± 1.5 K
Pitot: ± 0.1 m/s (< 2 m/s)
Pitot: ± 5 % v. Mw. (> 2 m/s)

Resolution

Pressure: 0.001 mbar
Temperature: 0.1 °C
Pitot: 0.1 m/s

Indication of measured values

hPa, mbar, Pa, mmWs, mmHg, inHg

Scope of delivery

- Sensor module pressure/temperature CAPBs® sens FP 10 (20 mbar)
- Pitot tube EP-SR 10
- Surface temperature probe TFB-OF 120
- System case S