

CAPBs® set 4 Pa with heating system check sens



Benefits

- Complete set for performing 4 Pa test and heating system check
- 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 Blue-tooth® 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

- Check of underpressure limit value (4 Pa / 8 Pa) in a sealed air system (building/apartment)
- Acceptance of individual heat systems with simultaneous operation with exhaust air systems
- 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 4 Pa with heating system check sens | P00120 |

Blue part no. = in-stock items

Description

Ready-to-be-used combination set in system case S with sensor module pressure/temperature CAPBs® sens FP 10 (20 mbar), Pitot tube and surface temperature probe. For the heating system check, the measured data is used to calculate the ventilation loss and the volume flow is calculated if the duct cross section is known. Measurement of the surface temperature serves as the basis for calculating the surface loss of the energy generator. The hose kit is used to check and document the underpressure limit value of 4 Pa/8 Pa.



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)
- Hose kit SLS 4 Pa test
- Pitot tube EP-SR 10
- Surface temperature probe TFB-OF 120
- System case S