testo 425 is a compact anemometer with a fixed thermal flow velocity probe. The probe head has a diameter of 7.5 mm. With the extendable telescope (length max. 820 mm), the measuring instrument is suitable for flow velocity measurement in ducts. The testo 425 also measures extremely accurately in the low flow velocity range. The volume flow is directly shown in the display. For the purposes of volume flow calculation, the duct area can be easily entered into the testo 425. In addition to this, the instrument can be switched over to display the current temperature. Timed and point mean value calculation provide information on the average volume flow, flow velocity and temperature measurement value. The Hold function allows the current measurement value to be frozen in the display, min./max. values are also displayed at the press of a button.
testo 425 compact thermal anemometer with fixed velocity probe incl. temperature measurement and telescope (max. 820 mm), battery and calibration protocol

Part no. 0560 4251

General technical data

- Operating temperature: -20 to +50 °C
- Storage temperature: -40 to +70 °C
- Battery type: 9V block battery, 6F22
- Battery life: 20 h
- Dimensions: 182 x 64 x 40 mm
- Weight: 285 g
- Housing material: ABS

Sensor types

<table>
<thead>
<tr>
<th></th>
<th>Thermal</th>
<th>NTC</th>
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</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>0 to +20 m/s</td>
<td>-20 to +70 °C</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±(0.03 m/s +5% of m.v.)</td>
<td>±0.5 °C (0 to +60 °C) ±0.7 °C (remaining range)</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.01 m/s</td>
<td>0.1 °C</td>
</tr>
</tbody>
</table>

Accessories

- Case for measuring instrument and probes: 0516 0191
- TopSafe, protects from impact and dirt: 0516 0221
- Service case for measuring instrument and probe, dimensions 454 x 316 x 111 mm: 0516 1201
- 9V rech. battery for instrument, instead of battery: 0515 0025
- ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s: 0520 0004
- ISO calibration certificate velocity hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s: 0520 0034
- ISO calibration certificate velocity hot wire, vane anemometer; calibration points 0.3; 0.5; 0.8; 1.5 m/s: 0520 0024