

# Thermal anemometer

testo 405

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Flow velocity measuring instrument with temperature measurement

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Volume flow measurement up to 99990 m<sup>3</sup>/h

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Extendable telescope up to 300 mm

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Display illumination

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testo 405 is a thermal anemometer. It allows the precise measurement of air flow velocity, volume flow and temperature. With the extendable telescope (up to 300 mm), testo 405 is particularly suited for measuring the flow velocity in ducts. Thanks to the attachment included in delivery, the telescope can be optimally positioned in a duct.

The testo 405 measures especially accurately in the range from 0 and 2 m/s. Low air flow velocities such as at draughty windows, for example, can thus be localized exactly and measured extremely accurately. The display can be rotated into different positions. This enables optimum readout of the measurement values.

## Technical data / Accessories

### testo 405

testo 405 thermal anemometer with duct holder,  
incl. attachment clip and batteries

Part no. 0560 4053



#### General technical data

|   |   |
|---|---|
| Storage temperature                       | -20 to +70 °C                             |
| Operating temperature                     | 0 to +50 °C                               |
| Battery type                              | 3 AAA micro batteries                     |
| Battery life                              | Approx. 20 h                              |
| Dimensions                                | 490 x 37 x 36 mm                          |
| Length Probe shaft                        | 300 mm                                    |
| Diameter Probe shaft /<br>Probe shaft tip | Ø 16 mm /<br>Ø 12 mm                      |
| Weight                                    | 115 g (with batteries, without packaging) |

#### Sensor types

|                   | Thermal  | NTC           |
|-------------------|--|---------------|
| Measuring range   | 0 to 5 m/s (-20 to 0 °C)<br>0 to 10 m/s (0 to +50 °C)<br>0 to +99990 m³/h          | -20 to +50 °C |
| Accuracy ±1 digit | ±(0.1 m/s + 5% of m.v.) (0 to +2 m/s)<br>±(0.3 m/s + 5% of m.v.) (remaining range) | ±0.5 °C       |
| Resolution        | 0.01 m/s   | 0.1 °C        |

#### Accessories for measuring instrument

#### Part no.

|   |           |  |
|---|-----------|--|
| ISO calibration certificate velocity, two point calibration; calibration points 5m/s and 10m/s                  | 0520 0094 |  |
| ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s | 0520 0004 |  |