

## Air speed, temperature and moisture in one instrument

### testo 410

testo 410-1 measures air speed and temperature. It is ideal for spot measurements at air outlets on account of its 40 mm vane. Timed mean calculation is possible.

In addition to air speed and temperature, testo 410-2 also measures air moisture. Testo's own, patented humidity sensor guarantees measurements you can build on. In this way, air conditions can be reliably checked.

- Flow velocity measuring instrument with temperature measurement
- Timed mean value calculation
- Hold function and max./min. values
- Windchill calculation for outside areas (perceived temperature)
- Display illumination

#### Additional benefits of testo 410-2:

- Air humidity measurement with long-term stable Testo humidity sensor
- Incl. dewpoint calculation and wet bulb

#### testo 410-1

testo 410-1; vane anemometer with built-in NTC air thermometer, incl protective cap, batteries and calibration protocol

Part no. 0560 4101

#### testo 410-2

testo 410-2; vane anemometer with integrated humidity measurement and NTC air thermometer, incl protective cap, batteries and calibration protocol

Part no. 0560 4102



Attachable protective cap



Flow measurement at a duct outlet with 40 mm vane

| Technical data    | testo 410-1/-2  |               | testo 410-2               |
|-------------------|---|---------------|---------------------------|
| Probe type        | Vane  | NTC           | Testo humid. sensor, cap. |
| Meas. range       | 0.4 to 20 m/s   | -10 to +50 °C | 0 to 100 %RH              |
| Accuracy ±1 digit | ±(0.2 m/s + 2% of mv)   | ±0.5 °C       | ±2.5 %RH (5 to 95 %RH)    |
| Resolution        | 0.1 m/s   | 0.1 °C        | ±0.1 %RH                  |
| Oper. temp.       | -10 to +50 °C   |               |                           |
| Battery type      | 2 batteries Type AAA  |               |                           |
| Battery life      | <b>testo 410-1:</b> 100 h (average, without display illumination)<br><b>testo 410-2:</b> 60 h (average, without display illumination) |               |                           |
| Dimensions        | 133 x 46 x 25 mm (incl. protective cap)   |               |                           |

## Measures air flow and temperature – Flexibly and easily

### testo 405

testo 405 is a thermal anemometer. It allows the measurement of air flow velocity, volume flow and temperature. testo 405 is ideal for measuring the flow in ducts or at duct openings or draughty windows.

- Volume flow calculation up to 99,990 m<sup>3</sup>/h
- Ideal for measurements in ducts
- Telescopic handle to 300 mm

#### testo 405

testo 405; thermal anemometer with duct holder, holding clip, battery included

Part no. 0560 4053



Easy-to-read readings thanks to swivel display



Flow velocity measurement at nontight windows

#### Accessories Ordering data

#### Part no.

|   |           |
|---|-----------|
| testovent 410, volume flow funnel, Ø 190 mm/330x330 mm, incl. case  | 0554 0410 |
| testovent 415, volume flow funnel, Ø 190 mm/210x210 mm, incl. case  | 0554 0415 |
| 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 |

#### Technical data

| Probe type        | Thermal  | NTC              |
|-------------------|--|------------------|
| Meas. range       | 0 to 10 m/s<br>0 to +99990 m <sup>3</sup> /h                                   | -20 to +50 °C    |
| Accuracy ±1 digit | ±(0.1 m/s + 5% of mv) (0 to +2 m/s)<br>±(0.3 m/s + 5% of mv) (remaining range) | ±0.5 °C          |
| Resolution        | 0.01 m/s   | 0.1 °C           |
| Oper. temp.       | 0 to +50 °C  | Battery life     |
| Storage temp.     | -20 to +70 °C  | Dimensions       |
|                   |  | Approx. 20 h     |
|                   |  | 490 x 37 x 36 mm |