

# Vane anemometer

## testo 410 – Pocket-sized flow velocity measuring instrument

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Flow velocity measuring instrument with temperature measurement

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Integrated measurement with 40 mm vane

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Time mean value calculation

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Hold function and max./min. values

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Windchill calculation for outdoor areas

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Additional advantages testo 410-2: Air humidity measurement with long-term stable Testo humidity sensor

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m/s°C%RH

Illustration 1/1


The vane anemometers testo 410-1 and testo 410-2 offer perfect flow velocity measurement results in handy pocket format. The small, user-friendly testo 410-1 measures air flow velocity and temperature, and is suitable for fast spot checks on ventilation outlets thanks to the integrated measurement with the 40 mm vane. A timed mean value calculation is also possible. The measuring instrument has an illuminated display, a clip-on protective cap, and a wrist strap and a belt holder ensure safekeeping.

In addition to air flow velocity and air temperature, the testo 410-2 also measures air humidity. This allows air conditions to be tested reliably. In addition to this, dewpoint and wet bulb are calculated and displayed fully automatically.

# Technical data / Accessories

**testo 410-1**

testo 410-1 handy vane anemometer with integrated NTC air thermometer incl. protection cap, batteries and calibration protocol




Part no. 0560 4101

**General technical data**

|                       |   |
|-----------------------|---|
| Dimensions            | 133 x 46 x 25 mm (incl. protective cap)   |
| Operating temperature | -10 to +50 °C                             |
| Storage temperature   | -20 to +70 °C                             |
| Protection class      | IP10                                      |
| Battery type          | 2 AAA micro batteries                     |
| Weight                | 110 g (with protective cap and batteries) |
| Measuring rate        | 0.5 s                                     |
| Warranty              | 2 years                                   |

**testo 410-2**

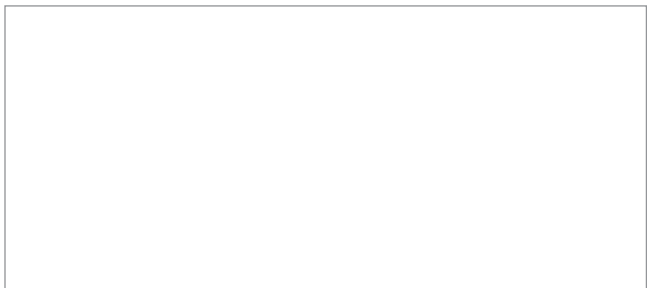
testo 410-2 handy vane probe anemometer with integrated humidity measurement and NTC-air thermometer incl. protection cap, batteries and calibration protocol



Part no. 0560 4102

| Technical data    | testo 410-1/-2                                |               | testo 410-2                                  |
|-------------------|---|---------------|--|
| Sensor types      | 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                                     |
| Battery life      | 100 h (average, without display illumination) |               | 60 h (average, without display illumination) |

| Accessories  | Part no.  |
|--|-----------|
| <b>Accessories for measuring instrument</b>  |           |
| 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 5; 10; 15; 20 m/s | 0520 0034 |



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Subject to change without notice.