

Vane anemometer

testo 410 – Pocket-sized flow velocity measuring instrument

Flow velocity measuring instrument with temperature measurement

Integrated measurement with 40 mm vane

Time mean value calculation

Hold function and max./min. values

Windchill calculation for outdoor areas

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



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. |
| Measuring range | 0.4 to 20 m/s | -10 to +50 °C | 0 to 100 %RH |
| Accuracy ±1 digit | ±(0.2 m/s + 2% of m.v.) | ±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. |
|---|-----------|
| Accessories for measuring instrument | |
| 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 |

