Data sheet
testo 410

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Vane anemometer

testo 410 – Pocket-sized flow velocity measuring instrument



Illustration 1:1

- Flow velocity measuring instrument with temperature measurement
- Integrated measurement with 30 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

m/s

°C

%RH

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 30 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.

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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



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



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

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)

*Please see the additional accuracy information for humidity in the instruction manual.

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 5; 10; 15; 20 m/s	0520 0034	

0981 9744/msp/l/01.2020

Subject to change without notice.