Smart Probes – VAC set

testo 405i thermal anemometer
testo 410i vane anemometer
testo 605i thermohygrometer
testo 805i infrared thermometer
in the testo Smart Case

- Compact pro measuring instrument from the Testo Smart Probes series for use with smartphones/tablets
- For the measurement of air and surface temperature, humidity, air flow velocity and volume flow
- Application-specific menus: Volume flow measurements in ducts and at outlets, identification of mould danger, easy image documentation incl. IR temperature measurement value and measurement spot marking; determination of the refrigeration/heating performance
- Measurement data analysis as a table or graph
- Measurement data analyzed and sent via testo Smart Probes App
- Handy transport bag testo Smart Case

Bluetooth + App

testo Smart Probes App for free download

Google play | Available on the App Store

The compact VAC set includes four App-controlled measuring instruments for important measuring tasks performed by VAC engineers: the testo 405i thermal anemometer. the testo 410i vane anemometer, the testo 605i thermohygrometer and the testo 805i infrared thermometer. In combination with a smartphone or tablet, it can be used to measure air and surface temperatures, air humidity, air flow velocities and volume flows in, on and around air conditioning plants and systems. Users can view their measuring values conveniently via the testo Smart Probes App installed on an end device. In the App, measurement parameters (such as humidity or temperature) can be deleted, added, or their order altered, with just one click. It is also possible to change the displayed measurement parameters quickly. In addition to this, the App offers application-specific menus, incl. for the identification of mould risk; automatic calculation of volume flow at outlets/in ducts, by easy parameterization of the outlet/duct cross-section (dimensions and geometry). The measurement data log can then be emailed directly as a PDF or Excel file. In the handy testo Smart Case, the measuring instruments can be conveniently transported and are always to hand when they are needed.

Technical data/accessories

Smart Probes – VAC set

testo Smart Probes VAC set for servicing ventilation and air conditioning systems. Consists of: testo 405i, testo 410i, testo 605i, testo 805i, testo Smart Case (VAC), batteries, calibration protocol

Order no. 0563 0003

testo Smart Probes App
The App turns your smartphone/tablet into the display of up to 6 Testo Smart Probes at the same time. The operation of the measuring instruments as well as the display of the measurement values take place by Bluetooth via the Testo Smart Probes App on your smartphone or tablet – independently of the measurement location. In addition to this, you can use the App to create measurement reports, add photos and comments to these, and send them by e-mail. For iOS and Android.

	testo 405i	testo 410i	testo 605i	testo 805i
Sensor type	Hot wire	Vane	Humidity – capacitive	Infrared
Measuring range	0 to 30 m/s	0.4 to 30 m/s	0 to 100 %RH	-30 to +250 °C
Accuracy ±1 digit	±(0.1 m/s + 5 % of m.v.) (0 to 2 m/s) ±(0.3 m/s + 5 % of m.v.) (2 to 15 m/s)	±(0.2 m/s + 2 % of m.v.) (0.4 to 20 m/s)	±(1.8 %RH + 3 % of m.v.) at +25 °C (5 to 80 %RH)	±1.5 °C or ±1.5 % of reading 0 to +250 °C) ±2.0 °C (-20 to -0.1 °C) ±2.5 °C (-30 to -20.1 °C)
Resolution	0.01 m/s	0.1 m/s	0.1% RH	0.1 °C
Sensor type	NTC	NTC	NTC	
Measuring range	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	
Accuracy ±1 digit	± 0.5 °C	± 0.5 °C	±0.8 °C (-20 to 0 °C) ±0.5 °C (0 to +60 °C)	
Resolution	0.1 °C	0.1 °C	0.1 °C	
Compatability	requires iOS 8.3 or newer / Android 4.3 or newer			
	requires mobile end device with Bluetooth 4.0			
Storage temperature	-20 to +60 °C			
Operating temperature	-20 to +50 °C			-10 to +50 °C
Battery type	3 micro batteries AAA			
Battery life	15 hrs	130 hrs	150 hrs	30 hrs
Dimensions	200 x 30 x 41 mm	154 x 43 x 21 mm	243 x 30 x 24 mm	140 x 36 x 25 mm
	Telescope extendable to 400 mm	40 mm Vane diameter	100 mm probe shaft	
Optics				10:1
Laser marking				Diffractive optics (laser circle)
Emissivity				0.1 to 1.0 adjustable

Accessories	Order no.	
ISO calibration certificate temperature, infrared thermometer, calibration points +60 °C; +120 °C, +180 °C	0520 0002	
ISO calibration certificate humidity, calibration points 11.3 %RH and 75.3 %RH at +25°C	0520 0006	
ISO calibration certificate humidity, calibration point 75.3 %RH at +25°C	0520 0096	
ISO calibration certificate flow velocity, two-point calibration, calibration points 5 m/s and 10 m/s	0520 0094	
ISO calibration certificate flow velocity, hot-wire/vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034	
ISO calibration certificate flow velocity, hot-wire/vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004	

Endereço
Rua Carlos Buzzi 14
Jd das Acácias
São Paulo, SP, Brasil
CEP: 04703-040

Horário
Segunda—sexta: 08:30h–18h

www.vectus.com.br

1981 1794/msp/l/01.2018

Subject to change without notice.