Distributed by:
TESTERS AND TOOLS.com
Trust Experience Reliability
sales@testersandtools.com
Tel: 602-795-4088, Fax: 602-795-4624

Be sure. testo

All flow velocities. Under control.

Ventilation and air conditioning measurement technology from Testo.

All outlets.
All flow velocities.
One expert.

Airflow measuring instruments from Testo provide the highest level of precision from 0.01 m/s to 9999 m³/h.

As an air conditioning and ventilation professional, you know that measuring flow velocity accurately is not easy. Whether for the precise calculation of volume flow, quick spot measurements in ducts or recording turbulent flows at outlets – without suitable measuring instruments, it is impossible to ensure optimum indoor air in residential and non-residential buildings.
For this reason, Testo offers the optimum solution for every measurement task and measurement range: whether thermal probes, vane anemometers, differential pressure measuring instruments or multifunction instruments. Our patented flow straighteners provide added precision, even in turbulence at outlets. Find information now on how to measure flow velocity more efficiently.

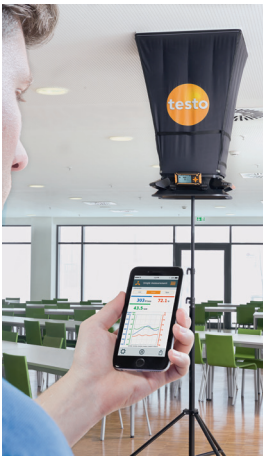
In ducts or at outlets: Testo has you covered.

Find the ideal air conditioning and ventilation measuring instrument for your requirements.

Accurate measurement in ducts.
You obtain the most accurate results when you measure directly in the duct. To compensate non-linear flows, a grid measurement is recommended. For this purpose, you determine the flow velocity values at several points in the ducts cross-section, enter the cross-section dimensions – and your ventilation measuring instrument from Testo calculates the mean value and the volume flow for you automatically.

Precise measurement at outlets.
If the ventilation duct is inaccessible, the measurement takes place directly at the outlet. In adjustment work too, the air input and output is tested where the air flows into the room. However, turbulent flows at swirl and plate outlets can severely falsify your measurement results. For this reason, we recommend the use of funnel measuring instruments with Testo's flow straightener (testo 420, testo 417 with funnel kit).

Measure more efficiently with Testo: Your advantages



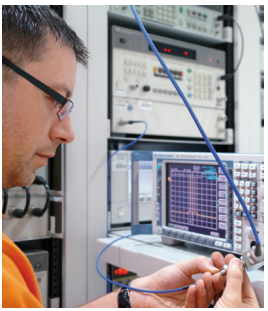
Work smarter with Testo Apps

Control the Testo Smart Probes and testo 420 easily with your smartphone:

- Measurement site-remote operation
- Measurement values always in view
- Reports at the touch of your fingertip
- Data reports sent by e-mail

50 % more accurate results at outlets

With our patented flow straightener technology, you even have turbulent flows under control.



High availability thanks to fast calibration service

Use the worldwide network of our subsidiary Testo Industrial Services (TIS).

Ordering suggestions: an overview.

testo 405

testo 405, thermal anemometer with duct bracket, incl. attachment clip and batteries

Order no. 0560 4053

testo 410-1

The testo 410-1 pocket anemometer measures air flow and air temperature quickly, easily, and accurately. The integrated 1.5 inch vane makes this economical air flow instrument ideal for fast air velocity measurement spot checks.

Order no. 0560 4101

testo 417

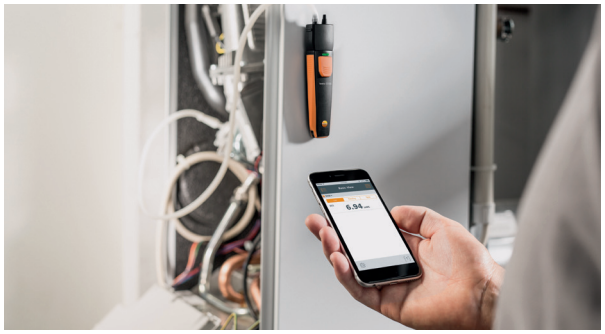
Vane anemometer testo 417 with integrated 100 mm vane, incl. temperature measurement, battery and calibration protocol. Funnel set (Ø 200 mm for plate outlets and 330 x 330 mm for ventilators).

Order no. 0563 4171

Pressure set testo 510

testo 510, handy differential pressure measuring instrument, hose set (Ø 4 mm and 5 mm) with adapter, incl. protective cap, calibration protocol, belt pouch and batteries

Order no. 0563 0510



testo 405i

testo 405i, Bluetooth thermal anemometer with App, incl. batteries and calibration protocol

incl. App

Order no. 0560 1405

testo 410-2

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

Order no. 0560 4102

testo 417 flow funnels

Funnel set (Ø 200 mm for plate outlets and 330 x 330 mm for ventilators). Volume flow straightener.

Order no. 0563 4172

testo 510i

testo 510i, Bluetooth differential pressure gauge with App, incl. hose set (Ø 4 mm and 5 mm) with adapter, batteries and calibration protocol

incl. App

Order no. 0560 1510

testo Apps
Free download

System requirements:
iOS 8.3 or Android 4.3 or later
Bluetooth 4.0

ANDROID APP ON Google play

Available on the App Store

testo SMART

testo

testo 410i

testo 410i, Bluetooth vane anemometer with App, incl. batteries and calibration protocol

Order no. 0560 1410

incl. App

testo 416

testo 416, vane anemometer with permanently connected 16 mm telescopic vane (max. 890 mm), incl. calibration protocol and battery

Order no. 0560 4160

testo 420

testo 420 differential pressure measuring instrument incl. battery and calibration protocol

Order no. 0560 0420

incl. App

testo 420 set

incl. App

testo 420 volume flow hood, with body, 610 x 610 mm flow hood, 5 x tension rods, USB cable, batteries and trolley

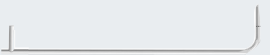
Order no. 0563 4200

Accessories:

Flow hood 360 x 360 mm	0554 4200
Flow hood 305 x 1220 mm	0554 4201
Flow hood 610 x 1220 mm	0554 4202
Flow hood 915 x 915 mm	0554 4203
Tripod, extendable to 4m	0554 4209

Pitot tube

Pitot tube, Ø 7mm, stainless steel, measures flow velocity*



Pitot tube, length 500 mm, Ø 7 mm	0635 2045
Pitot tube, length 350 mm, Ø 7 mm	0635 2145
Pitot tube, length 1000 mm, Ø 7 mm	0635 2345

www.testo.com/air-flow

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