

Be sure. **testo**



Your competent partner for measuring and services.

Intuitive, efficient, reliable – everything for facility management:
Welcome to the Smart World of Testo.



Too cold, too draughty, too humid?
With the testo 400, you can deal
with any complaints using objective
comfort values.

Testo – your competent partner for facility management.

Operating costs, user convenience, energy consumption: Facility managers have to keep an eye on a number of things and improve the efficiency of systems and processes at the same time. Thanks to digital measuring technology, these many different tasks can be tackled more easily. To ensure that a building is managed smoothly, the ventilation, air conditioning, refrigeration and heating systems need to be maintained just like electrical systems and switch cabinets.

Testo offers all the measuring equipment needed to carry out all your technical facility management applications. Moreover, you can also obtain a variety of services such as consultancy, made-to-measure probe construction, repairs or calibration from this one provider. For you, this means less outlay in procuring the technology as well as in your day-to-day work.

Digital technology enables you to reliably adhere to processes in accordance with ISO 9001 and digitally store readings or send them in reports. Application-specific apps and optimized measurement menus make your work easier, faster and therefore cheaper. Bluetooth connections to the actual sensors make it possible to carry out measurements reliably and precisely, wherever required. Since all of the measuring technology can be operated intuitively, all procedures are learned quickly, which not only makes the work faster, but also less prone to errors. The measurement results can also be easily documented - including in graphical progression displays and digital images. This guarantees smartly configured systems and more efficient workflows in facilities management.

Your advantages with Testo

Digital, smart and extremely flexible

Since lots of measuring instruments are equipped with Bluetooth, you can also operate them via smartphone or tablet and use application-specific apps. This makes your work much easier and more accurate.

Measuring technology for all facility management tasks

At Testo, you will find measuring instruments for heating, air conditioning, ventilation and refrigeration systems, as well as for electrical measurement parameters.

Professional multifunction measuring instruments

An extensive selection of probes will equip you for standard-compliant air velocity & IAQ and comfort level measurements as well as for industrial maintenance.

One-stop service

Loan instruments, repairs, 24-hour spare part service, made-to-measure probe construction, as well as seminars and webinars with valuable practical information – all from one provider, so you can work more efficiently.

Test equipment management system PRIMAS

PRIMAS is a combination of calibration and documentation management, coupled with a special software and rounded off with logistics and organization.

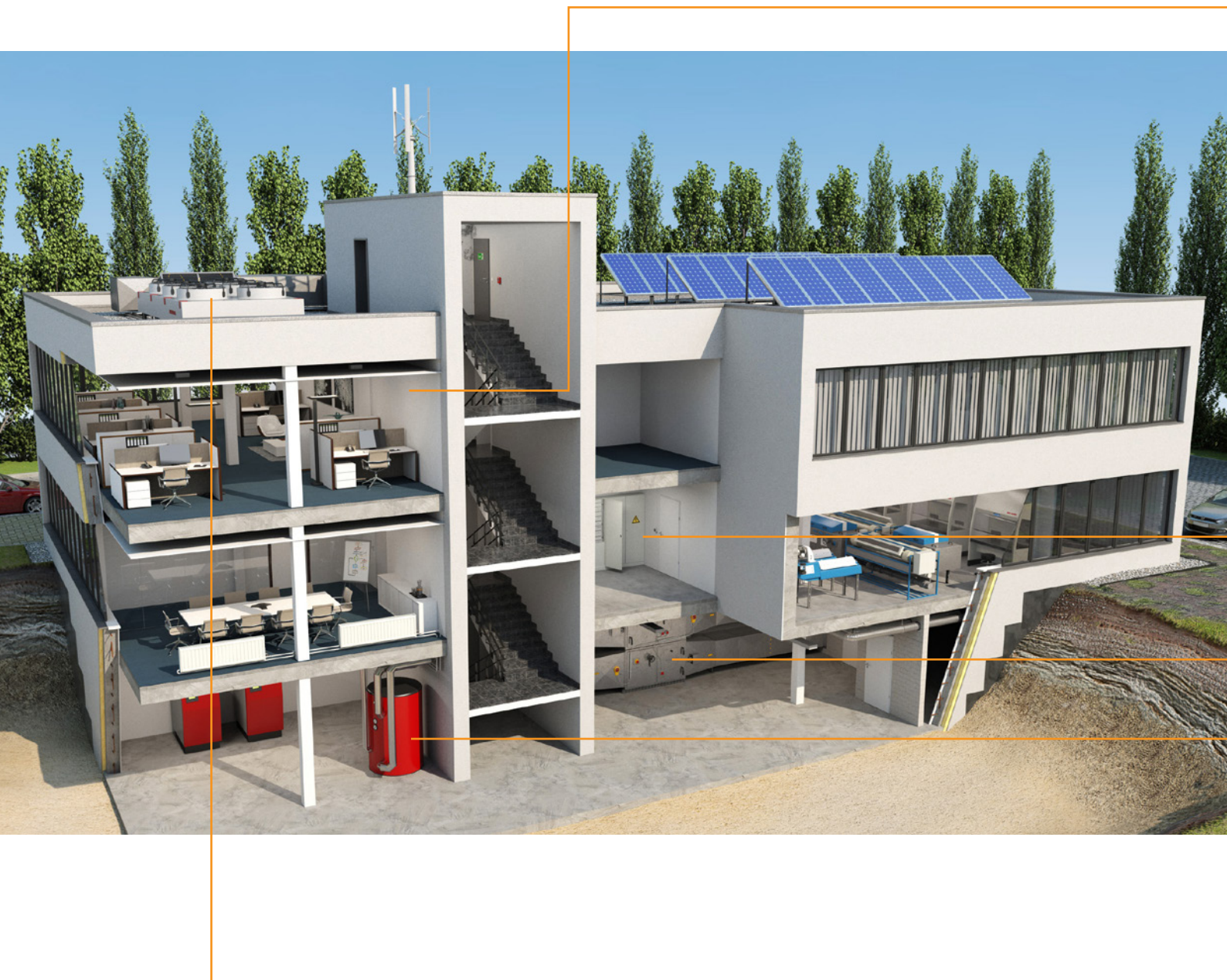
The modular set-up allows individual adaptation.

Time-saving thanks to digital documentation

Creating reports automatically, adding photos, saving and sending them by e-mail: all no problem, with our measuring instruments with App connection.

Guaranteed comfort. Increased efficiency.

Measuring technology from Testo can help you to fulfil these tasks.





Ensure air quality and comfort

Testo's humidity, lux and sound level meters make it easy for you to create a pleasant indoor climate. With the testo 480 multifunction measuring instrument, you can evaluate the comfort level objectively and compliantly in accordance with PMV/PPD. Data loggers also help you to easily identify the causes of mould.



Check electrical installations

Electrical systems and switch cabinets also need to be checked regularly. In addition to the testo 770 clamp meter and the testo 760 digital multimeter, you can also use the testo 871 and 872 thermal imagers for non-contact visualization of superheating. User-specific apps make your work and documentation easier.



Efficient adjustment of ventilation systems

Only with correctly regulated supply and exhaust air systems can a system achieve full performance with minimum energy consumption. Testo offers you a range of smart devices and probes – for carrying out measurements in ducts as well as at air outlets. Application-specific apps not only offer you a perfect overview, they also make documentation easy.



Efficient adjustment of heating systems

As well as smart measuring instruments for flue gas analysis, Testo can also provide you with smart measuring instruments for determining the flow and return temperature and differential pressure. Free apps also allow control via smartphone or tablet. For flawless and efficient operation of your heating systems.



Efficient adjustment of air conditioning systems

With the digital manifolds and the testo Refrigeration App, you have all pressure and temperature values in view on your smartphone. You can create and send personalized reports in just one click. Easy software updates ensure that you are always up-to-date with the latest technology and legal requirements when carrying out your measurements.

Efficient adjustment of ventilation systems. Guaranteed comfort.

Incorrectly adjusted ventilation and air conditioning systems consume an unnecessarily large amount of energy. Smart measuring instruments from Testo help you regulate your systems accurately and efficiently. Apps with application-specific measurement menus, Bluetooth sensors and intuitive operation not only make your work easier, they also guarantee accurate results. For maximum comfort with minimum energy consumption.



The compact testo 440

Are you a service engineer, taking care of the general functional testing of air conditioning and ventilation plants? You only document measurement results occasionally, and when you do, you simply want to transfer the data to a PC? Then the testo 440 with its clear display, easy button operation, measurement data store in the instrument, as well as csv. export to your PC, is the ideal choice.

Order no. 0560 4401

EUR xxx.xx



The flexible probe portfolio

The probes cover all air conditioning and ventilation applications and can be used with both the testo 440 and the testo 400. All handles and probes are mutually compatible, allowing you to expand your probe selection as required. Particularly useful: The digital probes can be calibrated independently of the measuring instrument. That means the measuring instrument remains in use and you can carry on working with other probes.



New: The universal testo 400

Are you an expert for complete ventilation systems or for proof of comfort – in accordance with norms? You place the highest demands on precision in cleanrooms, laboratories and industrial applications? Then you can fulfil your complex tasks smarter, faster and better with the testo 400. Thanks to the simplest Smart-Touch operation imaginable, complete data management on site and an intelligent measurement assistant.

Order no. 0560 0400

EUR xxx.xx



IAQ data logger for long-term measurements with the testo 400

- The IAQ data logger is configured and read out using the testo 400
- Up to six probes can then be connected
- Extended measurement options, e.g. degree of turbulence measurement at three heights simultaneously

Order no. 0577 0400

EUR xxx.xx



WiFi data logger system **testo 160 IAQ**

- Continuous remote monitoring of temperature, humidity, CO₂ and atmospheric pressure
- Data transfer via WLAN directly to your Testo Cloud
- Automatic alerts when limit values are violated

Order no. 0572 2014

EUR xxx.xx



Data logger for temperature and humidity **testo 175 H1**

- Continuous monitoring of humidity and temperature in offices and storerooms
- Easy data transfer via USB
- Data evaluation and documentation on the PC

Order no. 0572 1754

EUR xxx.xx



testo Smart Probes **VAC kit**

- Easy determination of flow velocity, volume flow, surface temperature, humidity and mould
- Always at hand in a compact case



testo Smart Probes App

Order no. 0563 0003

EUR xxx.xx



Sound level meter **testo 816-1**

- Measurement of sound volume (noise, air outlets) at workplaces, and monitoring adherence to limit values

Order no. 0563 8170

EUR xxx.xx



Volume flow hood **testo 420**

- Precise measurement of incoming and outgoing air at large outlets, even in turbulent flows
- 2.9 kg light
- With app for convenient measurement at outlets



testo 420 App

Order no. 0563 4200

EUR xxx.xx



Volume flow straightener **testovent 417**

- Precise recording of volume flow, independently of swirl direction
- Reliable measurement results at swirl outlets
- Flow straightener also retrofittable for existing Testo funnel sets

Order no. 0554 4172

EUR xxx.xx

Check electrical installations.

The inspection of electrical systems and switch cabinets is one of the most important facility management tasks. Testo offers you a whole range of smart devices for testing electrical connections and determining the performance of switch cabinets, ventilation systems, heat pumps and air conditioning and heating equipment. With Testo thermal imagers, you can reliably identify problem areas in the electrical control cabinet and overheated components, so that you can replace them in good time. The Testo apps make it easier for you to take measurements and also to document them.



Clamp meter testo 770-3

- Comfortable working even in tight spaces, thanks to completely retractable pincer arm
- Easy performance measurement
- TRMS for highly accurate results, even in large electrical installations with irregular patterns
- Measurement of inrush current
- All readings within view, and a safe distance from the measuring location, with the testo Smart Probes App



testo Smart
Probes App



testo Thermo-
graphy App

Order no. 0590 7703

EUR xxx.xx



Digital multimeter testo 760-2

- Reliable work thanks to automatic measurement parameter detection
- TRMS for highly accurate results, even in large electrical installations with irregular patterns
- Low-pass filter for accurate measurements on motors controlled by frequency converters

Order no. 0590 7602

EUR xxx.xx



Thermal imager with App testo 871

- Very good image quality thanks to IR resolution of 240 x 180 pixels (480 x 360 with testo SuperResolution)
- Temperature differences from 0,09 °C can be detected
- Integrated digital camera
- Special humidity palette for detecting mould risk
- testo ScaleAssist ensures objectively comparable and error-free thermal images
- Wireless connection to testo 770-3 clamp meter and testo 605i thermohygrometer



testo Thermo-
graphy App

Order no. 0560 8712

EUR xxx.xx



Thermal imager with App testo 872

- Highest image quality thanks to IR resolution of 320 x 240 pixels (640 x 480 with testo SuperResolution)
- Highest precision measurement with 0.06 °C thermal sensitivity
- Integrated digital camera
- Special humidity palette for detecting mould risk
- testo ScaleAssist ensures objectively comparable and error-free thermal images
- Wireless connection to testo 770-3 clamp meter and testo 605i thermohygrometer



testo Thermo-
graphy App

Order no. 0560 8721

EUR xxx.xx

Efficient adjustment of air conditioning systems and heat pumps.

The power consumption of air conditioning systems is immense. If you can achieve optimal configuration for your systems and check them regularly, you will save money. Testo can help make the commissioning and maintenance of air conditioning systems as convenient and accurate as possible for you, with digital manifolds and tailor-made apps. The testo Smart Probes AC & refrigeration test kit is available for easy testing of air conditioning systems. The testo 316-3 reliably detects leaks in refrigerant containers and hoses. For trouble-free, efficient operation of your systems.



Digital manifold testo 550

- For the easy servicing of air conditioning and refrigeration systems
- Temperature and pressure as a progression display
- Customized reports in just one click



testo refrigeration App

Order no. 0563 1550

EUR xxx.xx



Digital manifold testo 557

- For the convenient installation and servicing of air conditioning and refrigeration systems
- Temperature and pressure as a progression display
- Vacuum measurement with external Pirani probe
- Customized reports in just one click



testo refrigeration App

Order no. 0563 1557

EUR xxx.xx



testo Smart Probes AC & refrigeration test kit

- For fast and easy testing of air conditioning refrigeration systems
- No hoses – no refrigerant loss
- Temperature and pressure as a progression display
- Customized reports in just one click



testo Smart Probes App

Order no. 0563 0002 02

EUR xxx.xx



Refrigerant leak detector testo 316-3

- For CFC, HFC (partially and completely halogenated), H₂
- High sensitivity (< 4 g/a)
- Fulfills the requirements of the F-gas regulation

Order no. 0563 3163

EUR xxx.xx

Efficient adjustment of heating systems.

A building's greatest energy-saving potential is often hidden in its basement boiler room. Use smart, flexible measuring technology from Testo and application-specific Testo apps to analyze flue gases with precision, to measure flow and return temperatures, to locate gas leaks and to carry out pressure drop tests. Doing this enables you to optimize the efficiency of the system as well as to eliminate weak points and incorrect user behaviour.

testo 300 Longlife kit 1

- Carry out installation and servicing work on heating systems several times daily
- Intuitive, smart, efficient: Intuitive measurement menus, fast-response Smart-Touch operation, on-site documentation, e-mailing of reports
- High-quality sensor technology with up to 6 years' service life

The kit consists of:

- Flue gas measuring instrument testo 300 with O₂ sensor, H₂ compensated CO sensor (30,000 ppm, NO retrofittable)
- USB mains unit
- Modular flue gas probe, length 180 mm, Ø 8 mm
- Spare dirt filter for modular probe (10 off)
- testo Bluetooth printer
- Spare thermal paper for printer, permanent ink
- System case for instrument, probes and accessories
- EasyHeat PC analysis software

Please insert country-specific kit



Order no. 0564 3004 83

EUR xxx.xx

Heating engineering kit testo 330i

- For official acceptance test measurements on gas, oil and solid fuel systems
- Smart handling: operation, display and documentation via 330i App on the smartphone
- Longlife sensors with up to 6 years' service life, which can be replaced by the user

The kit consists of:

- testo 330i flue gas analyzer including O₂ and CO H₂-compensated sensor and Bluetooth
- USB mains unit
- TÜV-certified modular flue gas probe
- Combustion air temperature probe



Order no. 0563 3000 73

EUR xxx.xx



Gas leak detector for leakages in natural gas pipes
testo 316-1

- Rapid gas leak localization on natural gas pipes
- Acoustic and two-stage visual alarm when a limit value is exceeded
- Flexible measuring probe – even reaches areas that are difficult to access

Order no. 0632 0316

EUR xxx.xx



Promo kit for heating installers
testo 922

- Two-channel measuring instrument with optional wireless probe
- Display of temperature difference
- Continuous display of minimum and maximum values

Order no. 0563 9221

EUR xxx.xx



Differential pressure measuring instrument with smartphone operation
testo 510i

- For differential pressure measurements (0 to 150 hPa) on gas heaters
- Measurement menu for pressure-drop test, including alerts
- Magnetic holder for easy attachment



Order no. 0560 1510

EUR xxx.xx



testo Smart Probes heating kit

- Measurement of gas flow pressure and static pressure
- Non-contact temperature measurement on underfloor heating systems and radiators
- Measurement menu for pressure-drop test, including alerts
- Fast image documentation with IR temperature readings and measurement spot marking



Order no. 0563 0004

EUR xxx.xx



Differential pressure measuring instrument
testo 510 kit

- For differential pressure measurements (0 to 100 hPa) on gas heaters and air conditioning system filters
- Optional Pitot tube for flow measurements in ventilation ducts

Order no. 0563 0510

EUR xxx.xx







Infrared thermometer
testo 810



- Simultaneous non-contact measurement of surface and air temperature
- Automatic display of the temperature difference
- Adjustable emissivity


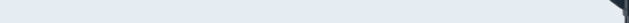



Order no. 0560 0810

EUR xxx.xx

Recommended probes and accessories for testo 440 and testo 400.

Probes	Order no.	EUR
Flow probes		
 Hot wire probe including temperature and humidity sensor, 90° bendable	0635 1571 0635 1572	xxx.xx
 Vane probe (Ø 16 mm) including temperature sensor	0635 9571 0635 9572	xxx.xx
 High-precision vane probe (Ø 100 mm), including temperature sensor	0635 9371 0635 9372	xxx.xx
 Vane probe (Ø 100 mm) including temperature sensor	0635 9431 0635 9432	xxx.xx
Comfort probes		
 Turbulence probe, fixed cable	 0628 0152	xxx.xx
 CO ₂ probe, includes temperature and humidity sensor	0632 1551 0632 1552	xxx.xx
 CO probe	0632 1271 0632 1272	xxx.xx
 Lux probe, fixed cable	 0635 0551	xxx.xx
 Globe thermometer for measuring the radiant heat, Ø 150 mm, TC type K	 0602 0743	xxx.xx
Humidity probes		
 Humidity/temperature probe	0636 9731 0636 9732	xxx.xx
 High-precision humidity/temperature probe	0636 9771 0636 9772	xxx.xx
Temperature probes		
 Fast-action surface probe (TC type K)	0602 0393	xxx.xx
 Robust air temperature probe (TC type K) – fixed cable 1.2 m	0602 1793	xxx.xx

 with Bluetooth  fixed cable

Accessories	Order no.	EUR
Accessories for comfort level measurement		
 Measuring tripod for comfort level measurements with standard-compliant positioning of probes (including case)	0554 1591	xxx.xx
Accessories for digital flow probes		
 Extendable telescope for testo 400 / 440 flow probes (37.5 to 100 cm including 90° angle)	0554 0960	xxx.xx
 Telescope extension (0.9 m) for testo 400 / 440 flow probes	0554 0990	xxx.xx
 90° angle for connecting vane probes (Ø 100 mm)	0554 0991	xxx.xx
 Handle adapter for connection to flow probes	0554 2160	xxx.xx

Many more probes and accessories at
www.testo.com