| TEMPERATURE

| HUMIDITY

| AIR VELOCITY

| SOUND, RPM, LUX

| PRESSURE & REFRIGERATION

| CURRENT, VOLTAGE & RESISTANCE

| THERMAL IMAGING

| FLUE GAS ANALYSIS

| DATA MONITORING SYSTEMS

| TRANSMITTERS

| DEW POINT & COMPRESSED AIR SOLUTIONS

| CALIBRATION & SERVICE

We measure it. **testo**

Professional Measurement Solutions: an Overview

COMPANY PROFILE

TESTO AG is a world leader in design, development and manufacturing of portable test and measuring instruments. Backed by more than 59 years of measurement engineering experience, our mission is to provide the best quality, service and value in the industry. In addition, testo is recognized as the **leading worldwide manufacturer of portable combustion efficiency analyzers.** Testo has also become a major supplier for HVAC industries, refrigeration, airflow, and environmental monitoring instruments for markets as diverse as cement and power, automobile, food and beverages, pharmaceutical and biotech. The company was founded in 1957 in Lenzkirch in the Black Forest region of Germany. The company has been privately owned since inception. Today, Testo consists of 2500 employees, 32 subsidiaries and 80 representatives around the world.

Testo India Pvt Ltd a 100% subsidiary of Testo AG was founded in Pune on 14th June 2006. Our representatives are spread across India in Ahmedabad, Baroda, Bengaluru, Chandigarh, Chennai, Guwahati, Hyderabad, Indore, Kolkata, Lucknow, Mumbai, New Delhi, Raipur with service and calibration facility at our head office in Pune.

Testo AG, Germany

Testo India Pvt. Ltd., Pune

Our Motive

At Testo, we exactly understand the customer requirements. Our central task is to pay constant attention to new technology and therefore our highest priority is innovation. We, as a market leader, take everything concerned with the product seriously: service, support and availability. We commit our best – before sale, after sale and in all phases of application.

Testo, known for its determined will to make tomorrow better than today with quality products & services worldwide is the very reason for growing number of patrons everyday. This is what helps us as a manufacturer to hold the most successful position in competitive market. Our association as business partner has brought revolution in most parts of the world. With a professional team we do not believe in only selling the instruments but also supporting you with the best possible solution for measurement of different parameters correctly.

Products

Today, our product range has expanded to include range of measuring insturments for: Temperature, Humidity, Air Velocity, Flue Gas Analysis, Thermal Imaging, Sound, Light & RPM Measurement, Electrical Measurement, Transmitters for: Humidity, Temperature, Differential Pressure, Dewpoint of Compressed Air, Compressed Air Flow Meter, Portable Data Loggers and Wireless Data Monitoring System Saveris.™ Testo offers quality standards and upto two years of warranty on all instruments.

Service & Calibration

Located at our Head Office in Pune, Testo India has a high quality service & calibration lab. Instruments can be calibrated & serviced locally maintaining international standards. All calibrations are traceable to highly accurate international standards of the PTB Germany.

We undertake calibration jobs for temperature, contact as well as non-contact, humidity, pressure, air velocity, rpm, sound, flue gas and dew point instruments of any brand/make.

www.testo.in

GAS ANALYSERS

testo 317-3 CO Monitor

- 3 years warranty on CO sensor
- Adjustable alarm threshold
- CO zeroing at site
- No initialization phase, instrument ready to operate immediately

NEW

testo 330i The Smart Flue Gas Analyser

- Analyses three gases O_2, CO and NO
- 4 years warranty on instrument, probe & O_2, CO sensor
- Complete hands-free operation
- Measuring & viewing data on smartphone/tablet via Bluetooth
- Comprehensive & quick report creation directly on site with Testo 330i Free App

testo 316-2 Gas Leak Detector

- Detects CH_4, $C_3 H_8$, H_2
- Optical and audible alarm
- Trend display shows maximum leakage
- Integrated pump
- Flexible measurement probe for inaccessible places

testo 340 Four Sensor Flue Gas Analyser

- Analyses up to four gases out of O_2, CO NO, NO_2 and SO_2
- Measuring range extension for high gas concentrations
- Industrial probes to withstand higher stack temperatures
- Cross sensitivity filters for CO and NO sensors

testo 310 Two Sensor Flue Gas Analyser

- Analyses two gases O_2 and CO
- Powerful backlit display
- Intuitive menu navigation
- Pre-attached probe
- Zeroing of gas sensors in just 30 sec.
- Long rechargeable battery life > 8 hrs.

testo 350 Six Sensor Flue Gas Analyser

- Analyses up to six gases out of O_2, CO NO, NO_2, CO_2, SO_2, HC and H_2S
- Graphic display with built in programs
- Peltier cooled gas preparation system
- Special hose for error free SOx and NOx measurement
- Easy to replace sensors

Download free Android App for testo 330i

testo 320 Two Sensor Flue Gas Analyser

- Analyses two gases O_2 and CO
- Interchangeable modular probe
- Zeroing of gas sensors in just 30 sec.
- Long rechargeable battery life > 8 hrs.
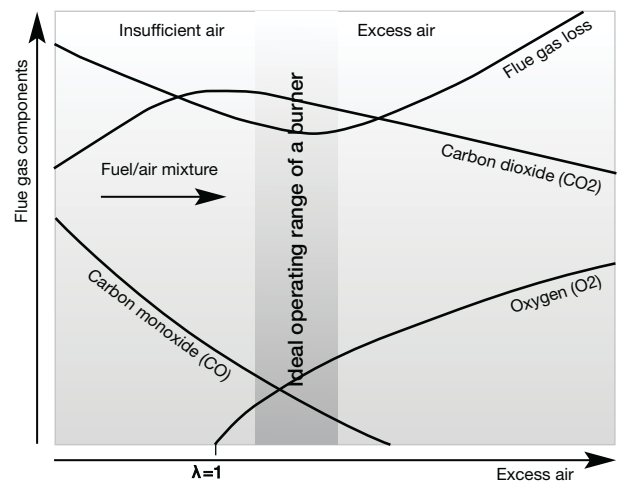- Memory for 500 measurement values

testo 330 LL Three Sensor Flue Gas Analyser

- Analyses three gases O_2, CO and NO
- 4 years warranty on instrument, probe & O_2, CO sensor
- Graphic display of measurement data
- Interchangeable modular probe
- Logger function for long term measurements

Efficiency Graph

DATA LOGGERS

testo 174 T
Single Channel Temperature

- Single channel temperature datalogger with internal sensor (NTC)
- Memory capacity: 16,000 readings
- Easy readout of the data and transfer to a PC via testo USB interface

testo 174 H Two Channel
Temperature and Humidity

- Two channel temperature and humidity datalogger with internal sensor (NTC/Capacitive humidity sensor)
- Memory capacity: 16000 readings
- Easy readout of the data, and transfer to a PC via testo USB interface

testo 175 T1
Single Channel Temperature

- Single channel temperature datalogger with internal and external sensors
- Memory capacity: 10,00,000 readings
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 175 T2
Two Channel Temperature

- Dual channel temperature datalogger with internal and external sensors
- Memory capacity: 10,00,000 readings
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 175 T3
Two Channel Temperature

- Two channel temperature datalogger with provision for two external sensors
- Memory capacity: 10,00,000 readings
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 175 H1 Two Channel
Temperature and Humidity

- Two channel temperature and humidity datalogger with external sensor (NTC/Capacitive humidity sensor)
- Memory capacity: 10,00,000 readings
- Battery life: 3 years
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 T1
Single Channel Temperature

- Single channel temperature datalogger with internal PT-100 sensor
- Memory capacity: 20,00,000 readings
- Battery life: 8 years
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 T2 Two Channel
Temperature with Display

- Two channel temperature datalogger with two external PT-100 sensors
- Memory capacity: 20,00,000 readings
- Battery life:8 years
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 T3
Four Channel Temperature

- Four channel temperature datalogger with external and T, K and J type thermocouple sensors
- Memory capacity: 20,00,000 readings
- Battery life: 8 years
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 T4 Four Channel
Temperature with Display

- Four channel temperature datalogger with external and T, K and J type thermocouple sensors
- Memory capacity: 20,00,000 readings
- Battery life: 8 years
- Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

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testo 176 H1 Four Channel Temperature and Humidity

• Four channel temperature and humidity datalogger with external sensor connections (NTC/Capacitive humidity sensor)
• Memory capacity: 20,00,000 readings
• Battery life: 8 years
• Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 P1 Five Channel Pressure, Temperature and Humidity

• Five channel pressure, temperature and humidity datalogger with internal pressure sensor and two externa sensor connections (NTC/Capacitive humidity sensor)
• Memory capacity: 20,00,000 readings
• Battery life: 8 years
• Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 176 H2 Four Channel Temperature and Humidity

• Four channel temperature and humidity datalogger in metal housing with external sensor connections (NTC/Capacitive humidity sensor)
• Memory capacity: 20,00,000 readings
• Battery life: 8 years
• Easy readout of the data and transfer to a PC via SD card or with mini DIN USB

testo 184 T1 Single-use Transport Logger without Display

• Single-use single channel temperature datalogger
• Memory of 16,000 readings with 90 days lifetime
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

EN 12830

testo 184 T2 Single-use Transport Logger with Display

• Single-use single channel temperature datalogger
• Memory of 40,000 readings with 150 days lifetime
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

EN 12830

testo 184 T3 Temperature Logger for Transport

• Temperature datalogger with exchangeable battery
• Memory of 40,000 readings with 1.5 years of battery life
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

EN 12830

testo 184 T4 Transport Logger for Dry Ice Applications (-80° C)

• Temperature datalogger for dry ice applications (-80° C)
• Memory of 40,000 readings
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

EN 12830

testo 184 H1 Temeprature and Humidty Logger for Transport

• Temperature and Humidity measurement
• Memory of 64,000 readings with 1.5 years of battery life
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

testo 184 G1 Transport Logger for Shock-Sensitive Goods

• Temperature, Humidity and g value (m/s^2) measurement
• Memory of 64,000 readings (for °C/%RH) & 1000 readings (for shock)
• Preconfigured logger for immediate use
• Easy readout of data via USB interface or NFC smartphone
• Automatic PDF generation without software installation

designed for 21 CFR 11

testo 174 D

STATIONARY MEASURING SYSTEMS

Saveris™ Wireless Data Monitoring System

- Measurement and documentation of temperature & humidity values in the environment and processes
- Data transfer possible by wireless and ethernet connection
- Automatic data collection and safe central data storage
- Alarm when limit values are exceeded
- Additional parameters over 0/4-20mA, 0-1/5/10VDC can be integrated
- Data storage capacity per probe up to 6000 readings and 40,000 per channel in base station
- Possibility of integration of any external sensor

NEW

Saveris 2 WiFi Data Logger System

- Data transfer by WiFi data loggers to Testo Cloud
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Alarms by e-mail or SMS (optional) when limit values are violated
- Data storage upto 10000 measurement values per channel in data logger
- testo Saveris 2-T1 and -T2 DIN EN 12830 compliant

testo 6621 Climatic Humidity Measurement Transmitter

- For monitoring climate in building technology, BMS, AHU's and climatic chambers
- Accuracy: ± 2.5% rH
- Simple adjustment concept for adjustments on site
- Connection to P2A Software for parameterization, analysis and adjustment

testo 6681 High Performance Humidity Measurement Transmitter

- For drying processes, cleanrooms and critical air conditioning applications
- Accuracy: upto ±1% rH
- Highest system availability due to self monitoring and digital probes
- Special solutions for high humidity and trace humidity applications
- Time saving due to P2A software and analog

testo 6321 Differential Pressure Transmitters

- For cleanrooms, paint finishing systems, filling processes, building air conditioning and ventilation systems
- With / without display option

testo 6740 Dewpoint/Trace Humidity monitoring

- Adsorption dryers of compressed air, medical compressed air and nitrogen gas
- Measures dewpoints in the range -60° to +30°C_{td}, -80° to +15°C_{td}A
- Auto self-adjustment
- Optional display with operation menu
- P2A Software for parameterization, analysis and adjustment

testo 6383 Differential Pressure, Humidity & Temperature Monitoring

- Conform panel design for flush wall mounting in cleanrooms
- Combination of different parameters in respective transmitter versions e.g. △P, RH and °C
- Automatic zero point adjustment
- Option of integrating transmitter in customer's ethernet

testo 6440 Compressed Air Flow Meter

- Saving operating cost by monitoring consumption and detecting leakage
- Convenient operating menu for all parameterization
- All required signals integrated - from analog output to the totaliser
- Ceramic flow sensor - sensitive and robust at the same time

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THERMAL IMAGERS

testo 870

- Resolution: 160 X 120 pixels
- Temperature range: -20°C to 280°C
- Thermal sensitivity < 100 mK
- Focus free imaging with wide 34° lens
- Inbuilt 3.1 megapixel camera
- Large display of 3.5" landscape format
- Hot and cold spot recognition

testo 882

- Resolution: 320 X 240 pixels
- Temperature range: -20°C to 350°C
- Upgradable to 550°C
- Thermal sensitivity < 60 mK
- Movable cursor, one point movable cursor, two point measurement, isotherm function
- Inbuilt digital camera
- Laser pointer
- Voice annotation with headset

testo 875 - 1i

- Resolution: 160 X 120 pixels
- Temperature range: -30°C to 350°C
- Thermal sensitivity < 50mK
- Two point measurement and hot/cold spot recognition
- Built in camera
- Integrated solar mode for solar applications
- Laser pointer

testo 885

- Resolution: 320 X 240 pixels
- Temperature range: -30°C to 650 °C (optionally upto 1200°C)
- Thermal sensitivity < 30 mK
- 3 point movable cursor, movable box, isotherm function
- Exchangeable lenses - Telephoto (11°) and Supertele (5°)
- Inbuilt 3.1 megapixel camera
- Laser pointer, Touch screen and Rotatable display
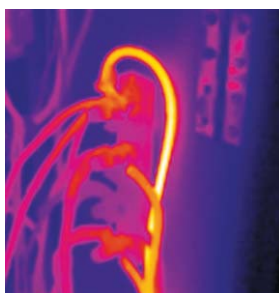
testo 875 - 2i

- Resolution: 160 X 120 pixels
- Temperature range: -30°C to +350°C
- Upgradable to 550°C
- Thermal sensitivity < 50mK
- Two point measurement, hot/cold spot recognition and isotherm function
- Lens exchangeable with telephoto
- Built in camera with bright light LEDs
- Integrated solar mode for solar applications
- Laser pointer
- Voice annotation with headset

testo 890

- Resolution: 640 X 480 pixels
- Temperature range: -30°C to 650 °C (optionally upto 1200°C)
- Thermal sensitivity < 40 mK
- 3 point movable cursor, movable box, isotherm function
- Exchangeable lenses - Std/Tele (15°) and Supertele (6.6°)
- Inbuilt 3.1 megapixel camera
- Fully radiometric video capturing
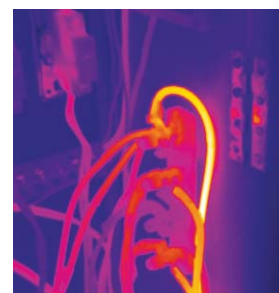- Laser pointer, Touch screen and Rotatable display

Upgrade to next higher class with SuperResolution and get 4X more pixels

Standard
160 x 120 pixels

160 x 120 pixels with
SuperResolution

Standard
320 x 240 pixels

HUMIDITY

testo 622 Large Display Hygrometer with Absolute Pressure

- Measures & displays % rH, °C/F, mBar (abs), psychometric parameters
- Displays date and time
- Reminder alarm for calibration
- Visual alarms for both the channels with Max./Min. values

testo 635 Professional Humidity & Dew Point Meter

- Can be connected to various probes for humidity, moisture, dewpoint, etc
- Timed and multi point mean calculations
- Material moisture probes for measurement of moisture in powder material
- Variant available with memory and software for data readout & analysis
- U-Value measurement for insulation checking

testo 623 Large Display Hygrometer with History Function

- Measures & displays % rH, °C, psychometric parameters
- Displays date and time
- Displays history of measurement for the last 90 days
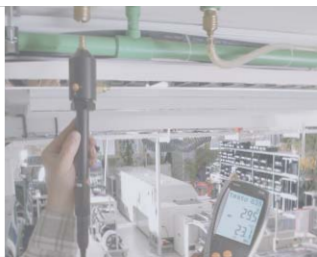- Visual alarms for both the channels with Max./Min. values

testo 645 Industrial Portable Humidity Meter

- Can be connected to various probes for humidity, moisture, dewpoint, etc
- Inbuilt memory for long term data storage
- Convenient data analysis with the professional software
- Ready for tough applications with top safe cover (optional)

testo 625 Portable Hygrometer with Back Lit Display

- Measures & displays % rH, °C, WT °C, td °C, hold, Max. / Min. function
- Detachable sensor for duct application
- Top safe (optional) cover protects the instrument from dirt and shocks

VELOCITY

testo 416 Compact Vane Anemometer

- Direct display of cfm/m^3/hr
- Multi point and timed mean calculations in the instrument
- 16 mm vane probe with SS telescopic handle for measurement in ducts

testo 435 All Rounder Instrument for HVAC & IAQ

- Can measure m/s/fpm, °C, %rH, $\triangle$P, Lux, CO_2, CO, etc
- Multi point and timed mean calculations in the instrument
- Variants with memory and software for analysis & report generation

testo 417 Large Vane Anemometer for Hoods

- Direct display of cfm/m^3/hr
- Multi point and timed mean calculations in the instrument
- 100 mm vane probe with flow direction recognition

testo 445 Service Instrument for VAC Engineers

- Can measure m/s/fpm, °C, %rH, $\triangle$P, lux, CO_2, CO, etc.
- Multi point and timed mean calculations in the instrument
- Internal memory and location management system

testo 425 Hot Wire Anemometer

- Direct display of cfm/m^3/hr
- Multi point and timed mean calculations in the instrument
- 12 mm hot wire with an accuracy of 0.03 m/s

testo 480 Professional VAC Analysis Measuring Instrument

- Can measure m/s / fpm, °C, %H, $\triangle$P, $\triangle$T, lux, CO_2, Abs P, °C$_{td}$, Wbt°C, m^3/h, cfm, hPa at a time
- Modern track pad, zero error color graphics display
- Digital probes - intelligent calibration concept
- Suitable for long term measurements
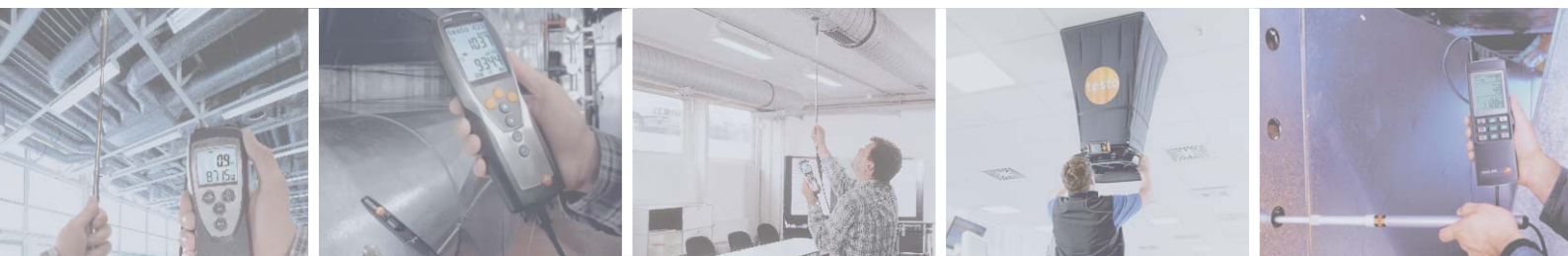- Internal memory + SD card storage possibility

Download free Android App for testo 420

testo 420 Air Capture Hood

NEW

- Direct display of cfm/m^3/hr, °C, %rH, ΔP
- Uniquely low weight and ergonomic design
- Flow straightener for more precise measurement at swirl outlets
- Removable and tiltable measuring instrument with a large display
- App integration via Bluetooth for fast and easy monitoring and reporting on site

PRESSURE & REFRIGERATION

testo 512 Compact Size Pressure and Velocity Measuring Instrument

- 8 pressure units selectable e.g. mbar, Pa, mm H_2O, etc.
- Simultaneous display of pressure and velocity
- Readings print out with date, time Max. & Min. (optical accessory)

Testo 549 Electronic Manifold **NEW**

- Calculation of superheating/subcooling in real time with up to two external temperature probes
- 2-way valve block with three connections, three hose parkers and sight glass 60 common refrigerants stored in the instrument
- Can work in refrigeration & heat pump mode

testo 521/526 Reference Pressure Measuring Instrument for all ranges

- With internal sensors and external sensors for high pressure
- Options available with very high accuracy
- Internal memory with PC interface for long term measurement (optional accessary)

Testo 550 Bluetooth Manifold **NEW**

- App integration via Bluetooth for fast and convenient monitoring and reporting on site
- Refrigerant update in the instrument via App
- Calculation of superheating/subcooling in real time
- 2-way valve block for fast and efficient work
- 60 common refrigerants stored in the instrument

testo 316-3 Refrigerant Leak Detector

- Sensitivity 4g/a (0.15oz/a)
- 2 sensitivity levels (High and Low)
- 5 LEDs showing leakage with audible alarm
- Low battery indication
- Sensor defect indication & easy replacement of sensor

testo 557 Electronic Manifold with Data Management **NEW**

- Large LCD backlit display for easy reading in dark areas
- Calculations of superheating & subcooling
- 30 refrigerants stored in the instrument can be upgraded from the website
- 2 temperature sockets for actual measurement of temperature on the line

Testo 552 Digital Vacuum Gauge

- Maintenance-free absolute pressure sensor
- Measurement of evaporation temperature H_2O
- Optical alarm when limit values are exceeded
- Extremely robust and resistant to water and dirt (IP42)

testo 570 Electronic Manifold with Vacuum & Data Management

- Calculate superheating/subcooling simultaneously
- Pressure, temperature, current and vacuum measurement in one instrument
- 72 hours recording of measurement values
- 40 refrigerants stored

LIGHT | SOUND | RPM | CO$_2$
PH | COOKING OIL TESTER

testo 535 CO$_2$ Measurement Instrument for HVAC Engineers

- Long term monitoring based on max. and mean calculations
- Long term 2 channel IR sensor
- Print the data on site date and time (optional accessory)

testo 206 Pocket Size pH Meter

- Many variants available
- With easy to change sensors in case of service
- With calibration mode for easy on site calibration

testo 315-3 Ambient CO / CO$_2$ Monitor

- Parallel and direct CO / CO$_2$ measurement
- TÜV-tested according to EN 50543
- Convenient, easy handling
- Optical and audible alarms
- Wireless data transfer

testo 270 Cooking Oil Tester

NEW

- Ergonomic and robust design
- With temperature sensor along with TPM
- Clear alarms via backlit display
- Rinsable under running water (Ip65)
- HACCP certified

testo 545 Compact Size Light Meter with Location Management

- Stores up to 99 locations and data under it
- Logger function upto 3000 readings
- Data analysis possible with testo software

testo 470 Two in One Contact & Non Contact Tachometer

- Can be used for rpm, speed & length
- Storage of Max./Min. value over a measurement
- Comes with a kit including accessories for correct measurement

testo 816-1 Sound Meter

- Measuring range of 30 to 130 db
- Variant with integrated data storage for up to 31,000 measurement values and Software for data management
- Switchable time weighting Fast/Slow
- Bar graph display with backlit
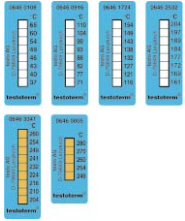- AC and DC output for the connection of other instruments

testo 476 Compact Hand Held Stroboscope

- High light intensity xenon lamp
- High setting accuracy because of dynamic dial setting
- With powerful rechargeable battery pack

TEMPERATURE - CONTACT

Self Adhesive Thermometer Strips

- Adheres to nearly all surfaces
- Shows temperature changes immediately
- Most suitable to trace thermal changes on material

testo 735 Highly Accurate Temperature Measuring Instrument with 2 Inputs - TC & RTD

- Instrument with probe having a system accuracy of 0.05°C
- Variant available with inbuilt memory with location management upto 10,000 readings
- With multi line backlit display & inbuilt USB for transferring data to PC
- HACCP certified with top safe

testo 110 Multi Purpose 1 Channel NTC Thermometer

- Audible alarm can be set if limit value exceeds
- EN 13485 certified for specific food & pharmaceutical applications
- Choice of probes available for different applications
- HACCP certified with top safe

testo 103 Smallest Foldable Thermometer

- 11 cm long, easy to fit pocket sized instrument
- White ABS housing EN 13485 certified design
- Ideal for spot check in production and large kitchens
- HACCP certified

testo 926 Fast and Accurate Food Thermometer

- 1 channel T type thermocouple input thermometer with alarm
- Measured readings can be printed on the site with IR printer
- Designed in accordance to EN 13485 for food and pharmaceutical applications
- HACCP certified with top safe

testo 104 Folding Waterproof Thermometer

- IP65, making it waterproof, cleaning under running water possible
- White ABS housing with die cast zinc SS body
- EN 13485 and HACCP certified
- Best core temperature measuring instrument for production and QC

testo 922 Two Channel Thermocouple Input Thermometer

- Can be used from very low to high temperatures using a K type sensor
- Displays two channel temperatures and differential temperature
- Can hold and print the data on the site using IR printer

testo 104 IR Folding Waterproof Thermometer

- Waterproof (IP65), IR & immersion thermometer
- Range: -30°C to 250°C (IR) & -50°C to 250°C (Immersion)
- 10:1 optics with 2-point laser
- Auto-Hold & Min./Max.- function
- Certified according to EN 13485 & HACCP

testo 720 Ex-Pt High Accuracy Ex- Proof Pt Thermometer

- Wide range of probes to select from, for surface, penetration and measurement in petrol and oil tanks
- With approval in accordance with European and American Norms

testo 108 Waterproof Thermocouple Thermometer

- Easy to use, Type K thermocouple thermometer
- Plugged probe connection
- IP67 with delivered probe
- Range : -50°C to 300°C
- Certified according to EN 13485 & HACCP

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TEMPERATURE - NON CONTACT

testo 830-T1/T2 Fast IR Thermometer

- Variants with 10:1 and 12:1 optics
- Emissivity adjustable from 0.1 to 1
- Large back lit LCD display with auto hold feature
- Pistol design with audible alarm function, beeps when range is exceeded or underrun

testo 826-T4 Food IR and Contact Thermometer with Top Safe Cover

- Top safe protects instrument from dust, dirt, impact & water ingress
- Audible and visual alarm to notify user if limit values are exceeded
- EN 13485 certified & HACCP Certified

testo 830-T4 Fast IR Thermometer with 30:1 Distance to Spot Ratio

- Emissivity adjustable from 0.1 to 1
- Two laser beams for easy identification of the measuring area
- Pistol design with audible alarm function, beeps when range is exceeded or underrun

testo 835 T1/T2/H1 IR Thermometer

- Measuring range up to 1500°C
- 50:1 optics with 4-point laser marking
- Integrated emissivity table
- Integrated memory and USB-data transfer
- Connection of external TC-probe
- Automatic detection of emissivity with the help of external probe
- Variant available with humidity measurement

testo 831 IR Thermometer for Food Applications

- Emissivity adjustable from 0.1 to 1
- Measuring range from -30°C to 210°C
- Distance to spot ratio of 30:1 with 2 point laser marking
- Two adjustable alarm limit values

testo 845 IR Thermometer with Switchable Optics

- Distance to spot ratio of 75:1 for far field, can measure object size of 1 mm in closed field
- In built memory and on line trending possible via USB port
- Reference accuracy of 0.75°C

POCKETLINE

testo 606 Pocket-sized Material Moisture Meter

- Measures & displays moisture in material like wood, paper, building material
- Backlit easy to read display
- Available in 2 variants with humidity also

testo 460 Pocket-sized Non-contact rpm Meter

- Optical rpm measurement with LED measurement spot marking
- With Hold function and Min./Max. values
- Illuminated display for easy read-out
- Accuracy of ±(0.02 % of mv)

testo 608 H1 / H2 Digital Thermohygrometer

- Measures & displays % rH, °C / F, & °C$_{td}$ / F
- Large easy to read display
- Two variants with 3% & 2% accuracy respectively

testo 510 Pocket-sized Differential Pressure & Flow meter

- 8 pressure units selectable e.g. mbar, Pa, mm H$_2$O, etc
- Temperature compensated
- Can be connected with pitot tube for velocity measurement

testo 610 Pocket-sized Humidity & Temperature Meter

- Measures & displays %rH, °C / F, wt °C & td °C/F
- Backlit easy to read display
- Best accuracy of 2.5% rH in its class

testo 511 Pocket-sized Absolute Pressure Meter

- 8 pressure units selectable e.g. mbar, Pa, mm H$_2$O, etc
- Calculated barometric pressure displayed
- Accuracy of ± 0.3 mbar

testo 405 V3 Pocket-sized Hot Wire Velocity Meter

- Measures velocity & temperature with volume flow
- Backlit large easy to read display
- Telescopic probe for easy measurement

testo 540 Pocket-sized Light Intensity Meter

- Large backlit LCD display
- Wide range upto 99,999 Lux
- With Hold, Max. / Min. function

testo 410 Pocket-sized Velocity Meter

- Two variants with velocity, humidity & temperature
- Timed mean calculation
- Variant with humidity also calculates psychometric values

testo 810 Pocket-sized Air & Surface Temperature Meter

- IR measurement with 1 point laser spot marking
- Display of differential temperature
- Hold function and Max. / Min. values

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ELECTRICAL MEASUREMENT

NEW

testo 745 - Non-contact voltage tester

- Non-contact voltage testing upto 1,000 V AC
- Filter for high-frequency interference signals
- Adjustable sensitivity
- Clear visual and acoustic warning signals
- Waterproof and dustproof according to IP 67
- Measuring point illumination

testo 760 - Digital multimeter

- Three variants available for all important electrical measuring tasks
- Easy, modern operation with function keys instead of a dial
- Automatic Measurement parameter detection and selection via the socket assignment
- Prevents incorrect settings
- True root mean square measurement – TRMS
- Large, backlit display
- Low Pass Filter – for VFD output voltage measurements accurately
- µA current measuring range available

testo 750 - Voltage tester

- Voltage range from 12 to 690 V
- Ideal for voltage testing, continuity testing and rotating magnetic field
- Three variants available with a clear, patented all-round LED display
- Fibre-optic technology for optimum voltage indication
- Ergonomic handle shape with secure grip
- Measuring point illumination
- RCCB trigger function for RCCB testing – Safety First

testo 770 - Clamp meter

- Unique grab mechanism for easy working at tight measuring points
- Auto AC/DC for current and voltage
- Large two-line display
- True root mean square measurement - TRMS
- With additional functions, such as starting current, power and µA measurement, along with Bluetooth
- Bluetooth and testo Smart Probes App
- Inrush current measurement
- Power measurement
- Temperature adapter for temperature measurement – for Thermocouple-K-type
- Available in three variants

testo 755 - Current/voltage tester

- Determines voltage upto 1000 V, current, resistance as well as continuity testing.
- Certified according to voltage tester standard DIN EN 61243-3:2010
- Automatic measurement parameter detection
- Measurement result without any switching on or selection
- Measuring point illumination
- Exchangeable measuring tips
- First voltage tester to measure current
- Single pole voltage testing
- Detection of direction of rotating magnetic field
- Available in two variants

SMART PROBES

| Monitor measured data wirelessly

| Simple user interface with capabilities of a smart device

| Shows measured values upto six smart probes at the same time

| Monitor changes using graphs & tables

| Save and send measured values as PDF or Excel file
  from Android Smartphone

| Exclusive sets for heating, climate and refrigeration contractors

Now Measure just with your Smartphone!

Download
Free
Android App

SMART PROBES

NEW

testo 115i Smart Clamp Thermometer

• Measurement of flow and return temperature in heating systems
• Measures temperature in the range of -40 °C to +150 °C
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 405i Smart Thermal Anemometer

• Measurement of air flow velocity, temperature and volume flow
• Measuring range of 0 to 30 m/s and -20 °C to +60°C
• Telescopic shaft, extendable up to 400 mm
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 410i Smart Vane Anemometer

• Measurement of air flow velocity, volume flow and temperature at air outlets
• Measuring range of 0.4 to 30 m/s and -20°C to +60°C
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• Especially useful for comparing volume flows of several outlets
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 510i Smart Differential Pressure Gauge

• Measurements of gas flow and static pressure as well as volume flow.
• Measuring range of -150 to 150 hPa
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• Measurement menu for pressure-drop test incl. alarms
• Magnetic fixture for better attachment
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 549i Smart High-Pressure Gauge

• Measurement of high and low pressure in the range of -1 to 60 bar
• Fast and easy installation at a pressure connection
• Low refrigerant loss thanks to hoseless application
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 605i Smart Thermal Hygrometer

• Measurement of air humidity and temperature in rooms and ducts
• Measuring range of 0 tp 100 %RH and -20°C to +60°C
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files
• Automatic calculation of dewpoint and wet bulb temperature via App

testo 805i Smart Infrared Thermometer

• Non-contact IR measurement of surface temperature in the range of -30°C to +250°C
• Easy image documentation incl. measurement values and measurement spot marking with 8-point laser circle
• Wireless connection to a smartphone or tablet via Bluetooth Free App
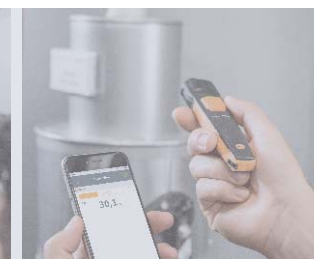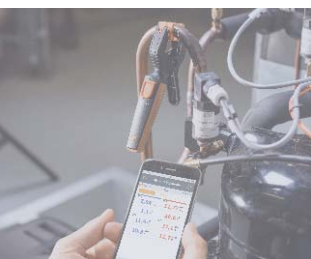• All measurement data in graph or tabular format; can be directly sent as PDF or Excel files

testo 905i Smart Thermometer

• Measurement of temperature in rooms, ducts and at air outlets - in the range of -50°C to +150°C
• Wireless connection to a smartphone or tablet via Bluetooth Free App
• Fast identification of temperature changes by graph curve display
• Measurement data can be directly sent as PDF or Excel files display

CALIBRATORS

Huminator - Humidity Calibrator

Using a Huminator you can quickly and easily calibrate humidity measuring instruments, probes and data loggers from testo and other companies. The Huminator calibration system is a high performance, stand alone temperature/humidity reference generator. It features a thermal servo system to stabilize temperature in the range of 5 °C to 50 °C. Relative humidity is rapidly generated in the range of 5% to 95%. With the special testo front panel of the chamber it is possible to calibrate various data loggers.

Mini Wind Tunnel - Air Velocity Calibrator

Mini Wind Tunnel including power connection cable: Draw up your own ISO calibration certificates! The Testo Mini Wind Tunnel can be used for regular checks on velocity probes and measuring instruments in your company. 3 speed levels can be set: 2.5/5/10 m/s. These readings are traceable to the PTB standard. Accuracy of wind tunnel is ±1% of reading (at least 0.1 m/s) plus calibration uncertainty of the respective reference instrument's certificate.

Pneumator - Pressure Calibrator

Not every pressure or differential pressure calibration can be processed in the laboratory- the uninstallation of the equipment is often interdicted, or not desired. The Pneumator fulfills both demands. It is applicable for stationary use in laboratory as well as mobile. It additionally serves as onsite precision measurement instrument, where it combines highest precision with secure battery operation. In the industrial practice, the precision of the measurement technology plays an important role. This applies especially where the precision of the measurement instruments is controlled, during calibration. The pressure sensor of the Pneumator works completely without mechanical friction. In the middle of the concentrically curled copper-beryllium membrane, a two-sided magnetically coated core is arranged, whose inductances change in a very sensitive way.

Thermator - Temperature Calibrator

Testo Thermator is flexible, accurate & mobile. The Thermator is a unique multifunction temperature calibrator made by Testo. In order to conduct temperature calibrations, the operator of the Thermator can choose between four different operating modes: liquid bath, dry block, infrared and surface. Easy and fast handling is ensured because of specific inserts, which can be easily changed with the help of removal tool supplied. Thus, a fast change from one operating mode to another is guaranteed. For the operating modes - dry block, infrared and surface, the calibration range is from -20 °C to 150 °C. In the liquid bath mode, calibrations can be conducted in the range of -35 °C to 160 °C.

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SERVICE & CALIBRATION

Calibration – More Accuracy and Safety

Calibration involves the comparison of the reading by the instrument being calibrated with that of a reference instrument (also called reference standard) in specific conditions. Other important aspects of calibration include documenting the deviation recorded between the measuring instrument being investigated and the reference standard, calculating the resulting measurement uncertainty, and creating the calibration certificate recording this uncertainty.

Contribution towards Quality Assurance

The calibration of measuring instruments therefore makes a considerable contribution towards quality assurance and the prevention of rejection, reworking, or claims for compensation.
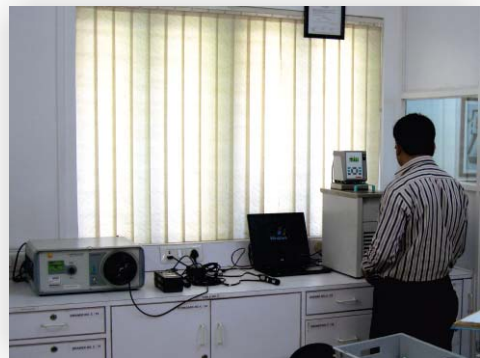
Calibration & Service Lab

Located at our head office in Pune, Testo India has high quality service & calibration lab. Instruments are calibrated with world class reference instruments following procedures as per ISO 17025 and serviced locally maintaining international standards. Most of the calibrations are traceable to highly accurate international standards of the PTB Germany.

We undertake calibration jobs for following parameters and for instruments of any brand/ make.

> Temperature - contact | Temperature - non-contact | Humidity | Pressure Air velocity | RPM | Sound | Flue gas | Dew point

We undertake IQOQ validation for testo data loggers and online data monitoring systems.

After Sales Services

Apart from calibration services, we also offer after sales services in the form of spare parts and repair services.

Spare parts service
Testo will help you quickly and easily!
You can phone, fax or send an e-mail so that we can get the parts or cells delivered to you. The order can be sent to Testo India headquarter at Pune which has the calibration & service lab set-up.

Repair service
We provide you with repair services as per your requirement.

We measure it. **testo**

CALIBRATION HUMIDITY COMPRESSED POCKETLINE HUMIDITY COMPRESSED HUMIDITY
TEMPERATURE AIR SOLUTIONS INSTRUMENTS AIR SOLUTIONS GAS ANALYZERS AIR VELOCITY
THERMAL IMAGER GAS ANALYZERS CALIBRATION PRESSURE & DEW POINT
IR VELOCITY TRANSMITTERS REFRIGERATION TRANSMITTERS
PRESSURE & POCKETLINE TEMPERATURE HUMIDITY
POCKETLINE INSTRUMENTS TRANSMITTERS THERMAL IMAGER
INSTRUMENTS REFRIGERATION TRANSMITTERS

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