Be sure. **testo**

| TEMPERATURE & HUMIDITY

| FOOD SAFETY

| IEQ MESUREMENT

| PRESSURE & REFRIGERATION

| SMART PROBES

| ALL IN ONE TESTO SMART APP

| GAS ANALYSERS

| CURRENT, VOLTAGE, RESISTANCE, SOUND & RPM

| THERMAL IMAGERS

| DATA LOGGERS & MONITORING SYSTEMS

| POCKETLINE

| TRANSMITTERS

| CALIBRATORS

| CALIBRATION & SERVICE

Professional Measurement Solutions: An Overview

DESIGNED IN
GERMANY

COMPANY PROFILE

TESTO SE & Co. KGaA is a world leader in design, development and manufacturing of electronic portable test and measuring instruments. Backed by more than 64 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 3000 employees, 34 subsidiaries and 80 representatives around the world.

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

Testo SE & Co. KGaA

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 support - pre sale, post 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 instruments 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, Poratable Data Loggers and Wireless Automated Data Monitoring solutions. Testo offers quality standards and up to two years of warranty on all instruments.

Service & Calibration

Located at our Head Office in Pune, Testo India has a high quality service & NABL accredited calibration lab. Instruments are calibrated 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.com

TEMPERATURE & HUMIDITY

testo 110 NTC & Pt100 temperature measuring instrument with App connection
NEW

- HACCP-compliant, certified according to EN 13485 for use in the food sector
- Probes available for different applications
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 925 Temperature measuring instrument for TC Type K with App connection
NEW

- Temperature measurement with thermocouple Type K probe (1 TC Type K probe included)
- Probes available for different applications
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 922 Differential temperature measuring instrument for TC Type K with App connection
NEW

- Precise differential temperature measurement with dual thermocouple Type K probes
- Can hold & print the data on the site using IR printer
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 625 Digital thermohygrometer with App connection
NEW

- Measures & displays % rH, °C, WT °C, td °C, hold, Max./ Min. function
- Timed and point mean value calculation
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

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 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 830 T1/T2/T4 fast IR Thermometer

- Variants with 10:1, 12:1 & 30:1 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 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 623 Large Display Hygrometer with History Function

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

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

FOOD SAFETY MEASURING INSTRUMENTS

HACCP Certified

testo Mini thermometer

- For checking core or surface temperature
- Switch between °C and °F
- Large readable display
- Measures high temperature up to +300°C includes protective sleeve as a holder
- Low battery indication

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 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 270 Cooking Oil Tester

- Ergonomic and robust design
- With temperature sensor along with TPM
- Clear alarms via backlit display
- Rinsable under running water (IP65)
- HACCP certified

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 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 105

- Changeable measuring tips to suit different applications
- Audible and optical alarm
- Protection Class IP65
- EN 13485 and HACCP compliant

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 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

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

IEQ MEASURMENT

testo 440 Air Velocity & IAQ measuring instrument

- Can measure °C, %RH, CO, CO_2 , m/s, Lux
- Intuitive menu for important applications
- Compatible with a wide selection of Bluetooth & wired probes, as well as testo Smart Probes.
- Parallel display of 3 measuring values
- Universal probe handle with Bluetooth
- Memory recall on instrument for up to 7500 measurements
- Testo 440 dP model version with integrated differential pressure for measuring hPa

testo 400 Air flow and IAQ measuring instrument

- Measures m/s, °C, %rH, hPa, Co_2, CO, illuminance, radiant heat, turbulence
- High-precision, location-independent and integrated differential pressure sensor
- High-quality digital probes and an intelligent calibration concept
- Complete documentation directly on site
- HVAC grid measurement in accordance with EN ISO 12599 and ASHRAE 111
- Now compatible with testo Air Capture Hood for larger outlets

testo 420 Air Capture Hood

- 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

testo 416 - Digital 16 mm vane anemometer with App connection

NEW

- Direct display of $cfm/m^2/hr$, also multi point & timed mean calculations in the instrument
- 16 mm vane probe with SS telescopic handle for measurement in ducts
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 417 - Digital 100 mm vane anemometer with App connection

NEW

- Direct display of $cfm/m^2/hr$ & °C, multi point & timed mean calculations in the instrument
- Audible alarm can be set if a limit value is exceeded
- 100 mm vane probe with flow direction recognition
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 425 - Digital hot wire anemometer with App connection

NEW

- Direct display of $cfm/m^2/hr$ & °C, multi point & timed mean calculations in the instrument
- Audible alarm can be set if a limit value is exceeded
- 7.5 mm vane probe head with an accuracy of 0.03 m/s for measurement in ducts
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 535 - Digital CO_2 measuring instrument with App connection

NEW

- Direct display of $cfm/m^2/hr$ & temperature
- Multi point & timed mean calculations in the instrument
- 7.5 mm vane probe head with an accuracy of 0.03 m/s for measurement in ducts
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

testo 545 - Digital Lux meter with App connection

NEW

- Measurement of illuminance according to the V-lambda curve for all common light sources
- Wide range of applications due to LED compatibility
- Audible alarm can be set if a limit value is exceeded
- Wireless connection to smartphone or tablet via Bluetooth Free App
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

Download Free testo Smart App One app for all

testo SMART

PRESSURE & REFRIGERATION

testo 512-1 - Digital differential pressure measuring instrument with App connection

NEW

- Differential pressure measurement (0 to 200 hPa) for checking filters & for Pitot tube measurement in the ventilation duct
- Volume flow calculation in measuring instrument and App
- Audible alarm can be set if a limit value is exceeded
- Connect with testo smart app via Bluetooth & send measured data in PDF or Excel format.

testo 512-2 - Digital differential pressure measuring instrument with App connection

NEW

- Differential pressure measurement (0 to 2000 hPa) for checking filters & for Pitot tube measurement in the ventilation duct
- Timed and point mean value calculation
- Audible alarm can be set if a limit value is exceeded
- Connect with testo smart app via Bluetooth & send measured data in PDF or Excel format.

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 552 Digital Vacuum Gauge

- Maintenance-free absolute pressure sensor
- Measurement of evaporation temperature H_2O
- Extremely robust and resistant to water and dirt (IP42)
- Wireless connection to a smartphone or tablet via Bluetooth Free App

testo 552i App-controlled wireless vacuum probe

- Easy installation with integrated 45° angle
- Automatic connection via Bluetooth to the testo Smart App and digital manifolds
- Graphical representation of vacuum in the App or on the digital manifold screen
- IP54 protection class

testo 549 Electronic Manifold

- 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 550i App-controlled digital manifold with Bluetooth and 2-way valve block

- The smallest digital manifold on the market
- Robust housing with IP54 protection class
- Convenient refrigerant management in the App
- Automatic refrigerant-specific calculation of evaporation and condensation temperature in the App

testo 550s Smart digital manifold with Bluetooth and 2-way valve block

- Large Graphic display
- Smart, Simple and wireless measurement of vacuum and temperature loss
- Guided measurement menus for target superheat, vacuum and pressure loss
- Exceptionally compact and reliable with robust housing
- Convenient refrigerant management in the App

testo 557s - Smart digital manifold with Bluetooth and 4-way valve block

- Wireless measurement of vacuum and temperature via automatic Bluetooth connection
- Guided measurement menus for target superheat, vacuum and pressure loss
- Convenient refrigerant management in the App with automatic updates
- Large graphic display
- Robust housing with IP54 protection class

testo 570s - the digital manifold with 4-way valve block, Bluetooth and large data memory

NEW

- Long-term measurement with intelligent error analysis in the testo Smart App
- Wireless measurement of temperature, vacuum and current by automatic connection of the Bluetooth probes
- Convenient refrigerant management in the App
- Suitable for use with A2L refrigerant (in compliance with relevant legislation)

SMART PROBES

testo 115i Smart Clamp Thermometer

- Temperature measurement on refrigeration systems for calculation of superheating and subcooling
- Measures temperature in the range of -40 to +150 °C
- Wireless connection to Smartphone/ tablet via Bluetooth Free App
- Bluetooth® range up to 100 m
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

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 between -1 to 60 bar
- Low refrigerant loss thanks to hoseless application
- Quick and easy installation at the pressure connection thanks to 45°angle
- Wireless connection to Smartphone/ tablet via Bluetooth Free App
- Bluetooth® range up to 100 m
- All measurement data in graph or tabular format can be directly sent as PDF or Excel file

testo 605i Smart Thermo Hygrometer

- Measurement of air humidity and temperature in rooms and ducts
- Measuring range of 0 to 100 %RH and -20 to +60 °C
- Automatic calculation of dewpoint and wet bulb temperature via testo Smart Probes App
- Bendable probe head for particularly convenient measurements
- Wireless connection to Smartphone/tablet via Bluetooth Free App
- Bluetooth® range up to 100 m
- All measurement data in graph or tabular format can be directly sent as PDF or Excel

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

testo 915i - Thermometer with temperature probes and smartphone operation

- Large selection of probes for temperature measurement in most diverse applications
- Large measuring range of -50 to +400 °C
- Easy operation, evaluation and documentation with free testo Smart App
- Fast identification of temperature change by graph curve display
- Bluetooth® connectivity
- Onsite report generation

testo
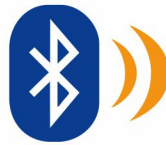SMART

Download Free testo Smart App One App for All

ALL IN ONE TESTO SMART APP

Carry out measurements and documentation for your mobile applications easily via app: Use the testo Smart App for all your refrigeration, air conditioning, heating and ventilation applications with the Bluetooth measuring instruments from Testo. The app is available as a free download and features intuitive measurement menus and smart functions such as creating and sending digital measurement reports.

- All in one: One app for all Bluetooth®-enabled Testo measuring instruments for air refrigeration, air conditioning, heating, ventilation and electrical applications
- Quick and easy: Measurement menus for numerous applications provide optimum support in configuring and carrying out measurements.
- Clear graphical presentation of readings, e.g. as a table/graph, for quick interpretation of results
- Create digital measurement reports including photos of application as PDF/CSV files on site & send via e-mail & social media app.
- Available as a free download with the full range of functions
- Clever: Data exchange between app and PC in conjunction with the PC software testo DataControl*. With both applications, you can create customers and measuring points, draw up reports and lots more, and synchronize your data easily

This is how the testo Smart App supports you
- Configure your measuring instrument
- Display graphical measured value curve
- Save measurement data
- Customer and measuring location management
- Documentation of your work
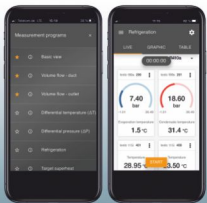- E-mail or share report via social media app

testo Smart App for free download
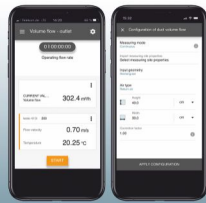
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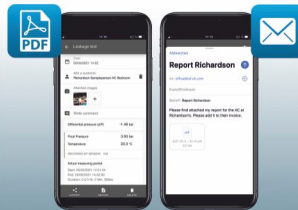*Only for instruments with software function

Multifunctional
- Operation, measurement and documentation
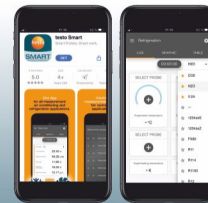- Compatible with all Bluetooth-enabled Testo measuring instruments

Easy
- Intuitive measurement menus
- Quick configuration
- Simplified documentation

Efficient
- Storage of measurement and customer data
- Easy reporting
- Direct report dispatch by e-mail

Clever
- Data exchange with PC software testo DataControl*
- Free download & also continuous updates and extensions

Fast
- Do the measurement in just a few clicks
- All values at a glance
- Graphic & tabular curve displayl

GAS ANALYSERS

testo 300 Flue Gas Analyser with Smart touch Technology

- With CO & O_2 sensor & optional NO_x sensor
- Optional warranty upto 5 years
- Large scratch-resistant 5" HD display with smart-touch operation
- Differential temperature measurement with External sensor
- Ready to measure at the touch of a button in standby mode
- Automatic dilution up to 30,000 ppm CO
- E-mailing of reports directly on site

testo 310 II- Smart Flue gas analyzer

NEW

- Analyzes the gases O_2, CO, CO_2, flue gas & ambient temperature, CO environment, draughtt & pressure
- Additional measurements via the testo Smart App of gas flow pressure, flow & return temperature
- Easy and intuitive menu guidance
- Data documented and sent digitally via testo Smart App
- Sensor zeroing in 30 seconds

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 &NO sensors

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 SO_x and NO_x measurement
- Easy to replace sensors

testo 380 - Particulate matter measurement system

- The system comprises testo 380 particulate matter measuring instrument & testo 330-2 LL flue gas analyzer
- Complete solution for solid fuel, oil & gas systems
- Fully TÜV-tested for limit value levels 1/2 and according to VDI 4206 Sheet 2
- Parallel measurement of particle matter, O2 & CO in real time with effortless handling
- Especially economic in operation & maintenance

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

ELECTRICAL, SOUND & RPM

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
- Measure voltage, current, power, µF, µA & °C /°F*
- Connect to testo Smart App via Bluetooth*
- Inrush current & power measurement
- Optionally temperature adapter is available for thermocouple-K-type to measure temperature
- Available in three variants

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 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

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
- Single pole voltage testing

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 816-1 Sound Meter with battery operated portable printer

- 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
- Optional portable thermal printer for print-outs of sound values with date, time, GPS co-ordinates.

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 477 - LED Stroboscope

- LED hand stroboscope to make fast-moving objects appear in slow motion
- High measuring range: up to 3,00,000 flashes per minute (fpm)
- Very high light intensity of up to 4800 Lux
- Long operating time thanks to battery life up to 5 h
- Ideal for tough applications thanks to impact protection and IP65
- Trigger input and output

testo 476 Compact Hand Held Stroboscope

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

THERMAL IMAGERS

Be sure. testo

testo 865
- Resolution: 160 X 120 pixels
- Temperature range: -20°C to 280°C
- Thermal sensitivity < 120 mK
- IFOV Warner
- testo ScaleAssist
- Automatic recognition of hot-cold spots

testo 868
- Resolution: 160 X 120
- Temperature range: -30°C to 650°C
- Thermal sensitivity < 100mK
- Thermography App for writing and sending reports on site
- IFOV Warner
- testo Ɛ-Assist
- testo ScaleAssist
- Built-in digital camera
- Automatic recognition of hot-cold spots

testo 871
- Resolution: 240 X 180 pixels
- Temperature range: -30°C to 650°C
- Thermal sensitivity < 90 mK
- Wireless connectivity to Clamp meter testo 770-3 & Thermohygrometer testo 605i
- IFOV Warner
- testo Ɛ-Assist
- testo ScaleAssist
- Built-in digital camera
- Automatic recognition of hot-cold spots

testo 872
- Resolution: 320 X 240 pixels
- Temperature range: -30°C to 650 °C
- Thermal sensitivity < 60 mK
- Wireless connectivity to Clamp meter testo 770-3 & Thermohygrometer testo 605i
- IFOV Warner
- testo Ɛ-Assist
- testo ScaleAssist
- Built-in digital camera and laser marker
- Automatic recognition of hot-cold spots

testo 883 **NEW**
- Resolution: 320 X 240 pixels (with SuperResolution 640 x 480 pixels)
- Temperature range: -30° C to 650° C ** (**Automatic & manual (split) range setting available)
- Thermal Sensitivity < 40mK
- With intelligent image management & testo scale assist
- Full control on operation with manual focus & interchangable lenses
- Wireless connectivity to testo Clampmeter 770-3 & testo Thermohygrometer 605i & testo Thermography app

testo 890
- Resolution: 640 X 480 pixels
- Temperature range: -30°C to 650 °C (optionally upto 1200°C)
- Thermal sensitivity < 40 mK
- 10 point movable cursor, 5 movable box, isotherm function
- Exchangeable lenses - 25° lens, Std/Tele (15°) and Supertele (6.6°)
- Inbuilt 3.1 megapixel camera
- Fully radiometric video capturing
- Laser pointer, Touch screen and Rotatable display
- New Testo Fever Detection assistant for mass fever detection

Exchangeable lenses for testo 890

Upgrade image quality to next higher class with testo Super Resolution technology

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 sensor (NTC)
- 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

DATA LOGGERS

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

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

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

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

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

WI-FI CLIMATE MONITORING SYSTEM

testo Saveris 2 T1 / T2 / T3 / H1 / H2 WiFi data loggers

- Automated temperature and humidity* monitoring with integrated or connectable* probe
- Data Transfer by WiFi data loggers to Testo Cloud
- All measurements data always available, anywhere on devices such as smart phone, PC, tablet
- Alarms by email or sms (optional) when limit values violated
- Data storage upto 10000 measurement values per channel in data logger
- Saveris 2- T1 & T2 are DIN EN 12830 compliant

testo 160 IAQ – For Indoor Air Quality

- Wi-Fi Data logger with display and integrated sensors for temperature, humidity, CO2 and atmospheric pressure
- Ideal for monitoring indoor air quality (IAQ)
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Optional, customizable deco-cover for optimum individual adaptation of the logger to its surrounding
- IP20 protection class
- Memory on probe-32000 readings

Testo 160E-For display spaces

- Wi-Fi Data logger with 2 external connections for temperature and humibity probes, Lux probe or UV radiation
- Ideal for monitoring indoor air quality (IAQ)
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Optional, customizable deco-cover for optimum individual adaptation of the logger to its surrounding
- IP20 protection class
- Memory on probe - 32000 readings

testo 160THE – For temperature, humidity, lux & UV

- Wi-Fi Data logger with internal temperature and humidity sensor, as well as connection options for 2 additional external probes for Lux, UV etc
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Optional, customizable deco-cover for optimum individual adaptation of the logger to its surrounding
- IP20 protection class
- Memory on probe-32000 readings

testo 16TH – For temperature and humidity

- Wi-Fi Data logger with integrated temperature and humidity sensor
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Optional, customizable deco-cover for optimum individual adaptation of the logger to its surrounding
- IP20 protection class
- Memory on probe-32000 readings

testo 160THL – For temperature, humidity, lux & UV

- Wi-Fi Data logger with integrated sensors for temperature, humidity, Lux and UV radiation
- All measurement data always available, anywhere, on devices such as smartphone, PC, tablet
- Optional, customizable deco-cover for optimum individual adaptation of the logger to its surrounding
- IP20 protection class
- Memory on probe-32000 readings

WiFi Data Logger))) **48.3 Testo Cloud**)))

*For specific models or variants only

Be sure. testo

ONLINE DATA MONITORING SYSTEM

testo Saveris Pharma

Most advanced Server based Online Data Monitoring System

- Fully 21CFR Part 11 compliant

- Highly accurate and wide range of sensors for °C, %RH, Absolute humidity, Dew point, DP, CO_2, door switch

- Upto 2,56,000 readings per new data logger

- Triple level data storage in base, loggers and server

- Software for audit proof compliance for all GxP- relevant data

- Alert management system (visual, acoustic, sms, email)

- Web-based intuitive Cockpit to identify alarms, initiate corrective steps and to acknowledge the alarms

- Ethernet and testo UltraRange wireless technology for secure transfer of measurement values over long distances.

Applications

Clean rooms, Warehouses, Cold rooms, QC, R&D and Analytical labs, Data Centers, Stability & Walk in chambers, Autoclaves and many more.

testo Saveris Base V 3.0

- 12 Cr measurement values per Base V 3.0
- 1000 loggers (3000 channels) per base V 3.0
- 75 gateways (Only for RF connectivity)
- Alarm output (email, sms, relay)
- Visual/ acoustic alarm (optional)
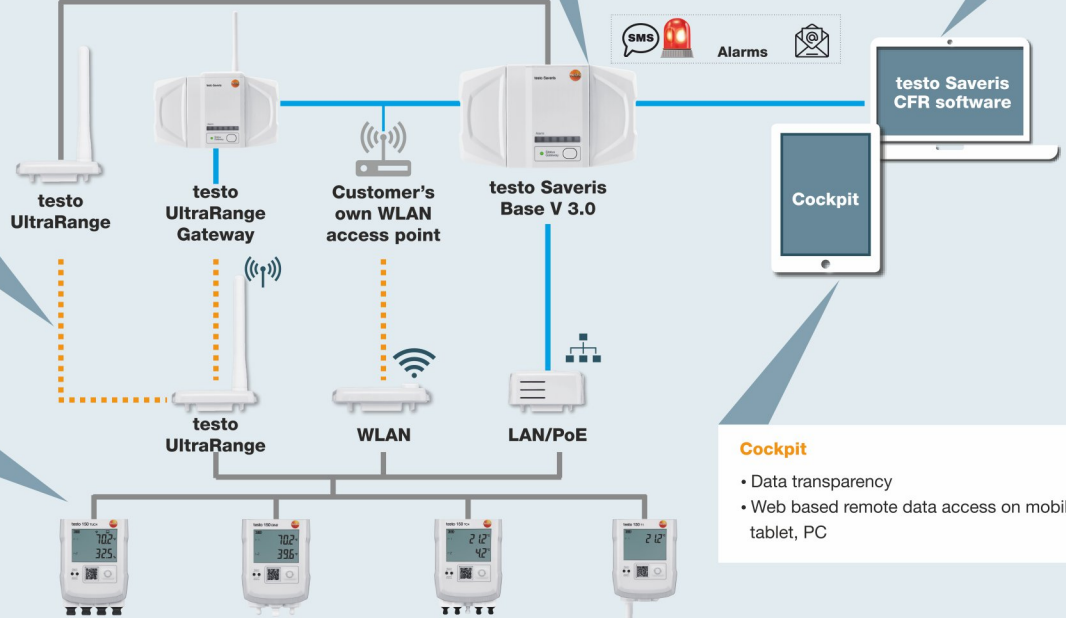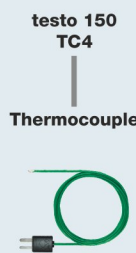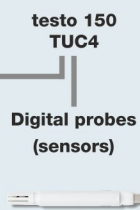
testo Saveris CFR software

- Data security & Data integrity
- Audit trail
- Digital / electronic signature
- 3 level access control
- Automatic pdf report generation in graph and tabular form

Flexible Communication

- UltraRange wireless (40 loggers per gateway)
- Use existing LAN and PoE
- Use existing WLAN (Wi Fi)
- Progressive Radio Architecture (Stable Radio Link)

Modular data loggers

- Free combination of communication modules (UltraRange, WLAN, PoE/ Ethernet)
- 3 variants for sensor connections (TUC, TC, Mini DIN)
- Display with local alarm indication
- 2,56,000 measurement values per logger

Cockpit

- Data transparency
- Web based remote data access on mobile/ tablet, PC

Digital and Analog probes (sensors)

- Higher accuracy of measurement
- Measurements of °C, %rH, Differential Pressure, door contact, etc
- Digital Analog Coupler for external Transmitter
- Recalibration without data logger (Digital sensors)
- Sensor replacement during operation (Digital sensors)

testo UltraRange

testo UltraRange Gateway

Customer's own WLAN access point

testo Saveris Base V 3.0

SMS Alarms

testo Saveris CFR software

Cockpit

testo UltraRange

WLAN

LAN/PoE

testo 150 TUC4

testo 150 DIN2

testo 150 TC4

testo 150 T1

Measurement transmitter

Analog coupler

Digital probes (sensors)

Analog probes (sensors)

Thermocouple

— Customer network
- - - Testo network

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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

TRANSMITTERS

testo 6321 Differential Pressure Transmitters

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

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 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 test points

testo 645X Compressed Air Flow Meter

- TFT display with optimized structurized measuring values
- Integrated pressure measurement
- Saving operating cost by monitoring consumption and detecting leakage
- Convenient operating menu for all parameterization
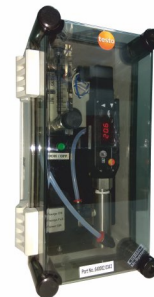- Flow rate, totaliser, temperature & operating pressure, four measurement with one instrument

testo 6740 Dewpoint Transmitters

- 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

Portable Battery Operated Dewpoint Panel

- Trace humidity measurement in compressed or dry air
- Handy portable dewpoint meter
- Easy for onsite spontaneous measurement
- Quick release connections for easy and fast operation
- Rechargeable battery with long life

testo Ultrasound Leak Detector LD Basic / LD Pro

- Comes in a transport case, directional tube and tip and sound proof headphones
- Working frequency: 40 kHz ± 2kHz
- Easy operation via membrane keypad
- testo sensor LD pro version with integrated camera: display & storage of leaks in the image
- Transmission of leakage data to the PC via USB with testo sensor LD pro version
- Leak Audit report for compressed air, gas, vacuum, steam & refrigerants as per ISO 50001

CALIBRATORS

Huminator - Humidity Calibrator

- Calibrates humidity measuring instruments, probes and data loggers from Testo and other make
- High performance standalone °C/%rH reference generator
- Thermal servo system to stabilize temperature from 5 to 50 °C
- Generation of relative humidity from 5 to 95%
- Special front panel of the chamber for calibrating data loggers

Pneumator - Pressure Calibrator

- Perfect for pressure or differential pressure calibration
- Applicable for both, stationary use in lab as well as mobile
- Also serves as onsite precision measuring instrument with highest precision and secure battery operation
- Working of pressure sensor completely without mechanical friction
- With a two sided magnetically coated core for sensitive inductance changes

Thermator - Temperature Calibrator

- Unique multifunction temperature calibrator by Testo
- Easy and fast change of specific inserts using the removal tool supplied
- With 4 different operating modes: liquid bath, dry block, infrared and surface
- Calibration range for dry block, infrared and surface modes: -20 to 150 °C
- Calibration range for liquid bath mode: -35 to 160 °C

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. All calibrations are traceable to highly accurate National/International Standard.

NABL Accreditation for Dew Point Temperature.

- ISO 9001:2015 Certified
- NABL Accredited Lab (In accordance with ISO/IEC 17025:2017)
- Highly qualified, individually trained personnel
- We also undertake Calibration for any brand/ make

ilac-MRA

Certificate No. CC 2869

Thermal Parameters:
Dew Point | Temperature | Humidity
Contact Type Temperature | Non-Contact Type Temperature
Infrared Thermometer | Thermal Imager

Mechanical Parameters:
Pressure | Differential Pressure
Absolute Pressure | Vacuum

Non NABL Parameters:
Velocity | Sound | RPM | Flue Gas Analyser
We undertake Calibration for any brand/ make.
We undertake IQOQ validation for testo data loggers
And online data monitoring systems.

Be sure. **testo**

SERVICE & CALIBRATION

Calibration Services Information

Sr. No.	Parameter	Reference Instruments	Range	Accuracy / Stability
1	Temperature (Contact & Non-contact)		Liquid bath (-80 to 25 °C)	± 0.5°C / 0.2°C
			Liquid bath insert (-35 to 160 °C)	± 0.1°C / 0.05°C
			Dry Block insert (-20 to 650 °C)	± 0.3°C / 0.05°C
			Infrared Insert (-20 to 150 °C)	± 1.0°C / 0.3°C (at emissivity = 0.95)
			Surface Insert (-20 to 150 °C)	± 1.4°C / 0.2°C
2	High Temperature (Non-contact)		100 to 982°C	± 1°C ±0.25% of reading (at emissivity = 0.99)
3	Humidity		5 - 95 %RH / 5 - 50 °C	± (1.0 % RH)/ 0.3% RH & ±0.15 °C / 0.02°C
4	Pressure		0 to 100 mbar diff.	±0.10% of FSV
			0 to 2000 mbar Diff.	±0.10% of FSV
			0 to 2000 hPa Absolute	± 5 hPa ± 0.1% of FSV
			-1 to 25 Bar	±0.125 %FSD
5	Dew Point Temperature		-60 to 20 °C td	±0.2 °Ctd
6	Flue Gas		O2, CO, NO, NO2, SO2, CO2, Ch4,N2, Other gases-On request	As per Gas Supplier
7	Air Velocity		0.2 to 24 m/s	±(0.03 m/s + 5 % of mv)
8	Volume Flow Hood (Capture Hood)		100 m3/h to 2500 m3/h	As per the master instrument
9	Sound		94 dB/ 114dB	±0.5 dB

After Sales Services

Apart from calibration services, we also offer after sales services in the form of spare parts and repair services of Testo instruments.
Spare parts service : Testo will help you quickly and easily! You can phone, fax of 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.

Scan OR code to visit the website

Authorized Channel Partner