

Testo refrigeration instrumentation

Intuitive, efficient, reliable and accurate for service and testing

Lindab®

Work smarter with digital refrigeration measurement technology from Testo.

In addition to expert knowledge, precise and reliable measurement values are needed for the comprehensive evaluation and correct regulation of refrigeration or air conditioning systems. It is here that digital refrigeration technology from Testo has for years proven its worth:

- Ongoing updates with new refrigerants
- Automatic calculation of crucial system parameters
- Convenient operation via user-specific measurement menus, Bluetooth and Apps
- Far more precise measurement results with constant accuracy than with analogue manifolds

In addition to the automatic calculation of evaporation/ condensation temperature and of superheating/subcooling, the digital manifolds from Testo support you in the monitoring of the following applications faster and more reliably than analogue manifolds.



Certainty in an uncertain world.

One thing that is a certain in an uncertain world, is that changing to a digital manifold as a service tool makes the process of refrigerant changes and subsequent commissioning and set-up a simple task. Up to 60 refrigerants are stored in the testo 550s and 557s digital manifolds. What's more, connection via Bluetooth to a smartphone or tablet allows engineers to update the manifolds for new refrigerants.

With the increased cost of refrigerants, it is imperative that engineers ensure that a complete pressure test with nitrogen is performed prior to any re-gassing. Testo manifolds ensure optimum testing by having a temperature compensated pressure test function that will show the start/ end/delta pressure during the leak test and the total length of time that the leak test was performed. Temperature compensation ensures that any fluctuation in ambient temperatures are measured during the pressure test, and that no error due to this ambient fluctuation will show in the pressure readings. Again, these test results can be downloaded via Bluetooth to the App and a pre-configured report generated for the client.

The testo 550s and 557s manifolds and Smart Probes contain stored data for over 90 refrigerants:
R114; R407C; R444B; R12; R407F; R448A; R123; R407H; R449A; R1233zd; R408A; R450A; R1234yf; R409A; R452A; R1234ze; R410A; R452B; R124; R414B; R453a; R125; R416A; R454A; R13; R420A; R454B; R134a; R421A; R454C; R22; R421B; R455A; R23; R422B; R458A; R290; R422C; R500; R32; R422D; R502; R401A; R424A; R503; R401B; R427A; R507; R402A; R434A; R513A; R402B; R437A; R600a; R404A; R438A; R718 (H2O); R407A; R442A; R744 (CO2); R11; R227; R417A; FX80; R236fa; R417B; I12A; R245fa; R417C; R1150; R401C; R422A; R1270; R406A; R426A; R13B1; R407B; R508A; R14; R407D; R508B; R142B; R41; R600; R152a; R411A; RIS89; R161; R412A; SP22; R170; R413A

For A2L refrigerants the range of Testo digital manifolds and Smart probes are suitable for use when used in compliance with the relevant standards and guidelines (such as EN 387 part 1-4), as well as any manufacturers regulations or recommendations.

Your advantages with Testo

Largest portfolio:
With Testo, you find all the measuring instruments you need for servicing refrigeration and air conditioning systems and heat pumps.

Worry-free working:
With Testo, you get not just the right measuring instruments, but also services such as regular maintenance and calibration from one provider.

Innovative technology:
With refrigeration measuremnet technology from Testo, you leave the competition behind you – and all at an attractive price.

One for all.
The testo Smart App.

Download now free of charge for Android and IOS



All applications of the new digital manifolds on your smartphone: With the testo Smart App, you will evaluate results even faster in the future. Apart from that, it helps you to avoid measurement errors, as stored measurement programs guide you step by step through the configuration and the measurement. With the integrated documentation functions, reports can be created on site, and digital measurement protocols, including photos, can be sent as PDF or CSV files directly by e-mail. Apart from that, you can set up customer data and measurement sites at the touch of a button, and synchronization with the free testo DataControl PC software is done wirelessly via WLAN.

Easy management of measurement and customer data.
With the testo DataControl PC software.



From the plant via the PC to the finished job: With the testo DataControl software, measurement results and customer profiles can be managed easily and quickly – and the documentation is dealt with almost by itself.

- Intuitive user interface: all information available in a click
- Graphic display of up to 4 readings at the same time
- Manage customer profiles and measuring points: App and software synchronise via WLAN

The new generation of digital manifolds.

Allow us to introduce you: The new way of installing and servicing refrigeration systems and heat pumps. The new generation of digital manifolds from Testo are faster, more reliable and more flexible than ever before.
- larger display with clearer layout
- IP54 rated for outdoor use
- improved durability and handling
- wireless networking with Bluetooth® 5.0

The first fully digital manifold on the market, which allows you to display and evaluate all results in real time using the testo Smart App. The results are clear to see, at a glance, in your hand.



Wireless measurement, uncomplicated documentation – with Bluetooth® 5.0, testo Smart App and free testo DataControl PC software.

Compact, handy and robust: The rugged housing with its sunken display handles its job reliably even under extreme conditions.

Extra-large graphic displays, the testo Smart App and intuitive user guidance make measurements faster and easier than ever before.

Perfect for efficient service
Digital manifolds: testo 550s and testo 557s.

The digital manifolds testo 550s and testo 557s make measurements on refrigeration and air conditioning systems as well as heat pumps faster and easier than ever before. The large display shows all measurement data at a glance and simplifies the analysis of the results. Measurement menus guide you step by step through the measurement and allow the automatic determination of important plant parameters such as superheat, pressure-drop test, tightness test or evacuation. Bluetooth® probes for temperature, pressure and humidity can be connected wirelessly to the instrument, and together with the testo Smart App, to provide even more flexibility. Thanks to its proven quality and great durability, you can rely on maximum precision under any conditions. From the first to the last job.

testo 550s Basic kit
Smart digital manifold with cable temperature probes in practical case, incl. calibration certificate



testo 550s Smart kit
Smart digital manifold with wireless temperature probes in practical case, incl. calibration certificate



testo 550s Smart kit with hoses Smart digital manifold with wireless temperature probes and 3 hoses in prac-tical case, incl. calibration certificate



testo 557s Smart vacuum kit Smart digital manifold with wireless vacuum and temperature probes in practical case



testo 557s Smart vacuum kit with hoses
Smart digital manifold with wireless vacuum and temperature probes in practical case with hoses



Velcro pipe wrap probe

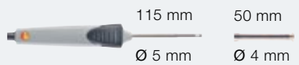
For pipe diameter to max. 75 mm, Tmax. +75 °C, NTC, Fixed cable length 1.5 m



£67.00

Air probe

Precise, robust NTC air probe



testo Smart App:

- Monitor the evaporation and condenser temp/pressures and superheat/subcool
- Easy refrigerant update
- Create reports, adds photos of the measurement location and send by email

Perfect with the testo Smart App
FREE download

testo SMART | App Store | Google Play

Fully smart, fully wireless: The smallest manifold of all time: testo 550i



Starting at an RLP of just £129, the new testo 550i smart block provides a perfect entry point for engineers who want to move over from an analogue gauge to a digital manifold.

testo 550i enables you to control your daily servicing and maintenance work on refrigeration and air conditioning systems and heat pumps entirely via testo Smart App and smartphone or tablet. It is equipped with a 2-way valve block, using digital documentation to save time.

In addition to this, the compact instrument connects automatically via the testo Smart App to our Bluetooth® probes for temperature, pressure and humidity. Evaporation and condensation temperatures can be automatically calculated in the App, which can retireve results up to 150m away from the instrument.

testo 550i
Smart digital manifold (only)



testo 550i Smart kit*
Smart digital manifold with wireless temperature probes in practical case



New digital manifolds from Testo in comparison.

	testo 550s	testo 557s	testo 550i
			
Valve block	2-way	4-way	2-way
All application-specific measurement values at a glance thanks to the large graphic display	✓	✓	–
Operation and documentation with testo Smart App	5.0 (range up to 150 m)	5.0 (range up to 150 m)	5.0 (range up to 150 m)
Compatible with all wireless probes for temperature, vacuum, humidity	✓ (with automatic connection)	✓ (with automatic connection)	✓ (with automatic connection)
Compact outer dimensions and one-hand operation	✓	✓	✓ (ultra-compact)
Protection class	IP54	IP54	IP54
Identical pressure measuring range HP/LP	up to 60 bar	up to 60 bar	up to 60 bar
Pressure measurement accuracy	> 0.5 % of f.s.v.	> 0.5 % of f.s.v.	> 0.5 % of f.s.v.
Integrated temperature measurement	✓ (up to 3 temperature probes + Bluetooth® probe)	✓ (up to 3 temperature probes + Bluetooth® probe)	✓ (up to 3 temperature probes + Bluetooth® probe) via App
Target superheat in the manifold or testo Smart App	✓	✓	✓ (App only)
Measurement data documented and sent via testo Smart Probes App	✓	✓	✓
Refrigerants stored	90	90	90
Refrigerant update	automatically via App	automatically via App	automatically via App
Temperature-compensated tightness testing with temperature probe	✓	✓	✓
Vacuum measurement with vacuum probe testo 552i	✓	✓	✓
Suitable for A2L refrigerants	✓	✓	✓
PC software testo DataControl (optional)	✓	✓	✓

testo 570 4-way digital manifold with data logging function

The testo 570-1 digital manifold is suitable for practical use, largely thanks to its robust 4-way valve block with 4 connections, 4 hose parkers and its inspection glass. Maintenance and servicing tasks on refrigeration systems and heat pumps are made easier due to the manageability of the instrument. With its solid housing, the digital manifold is protected against impacts. A suspension hook on the back secures the instrument during the measurement. In addition, the manifold has a large, illuminated display, so you will have no problem reading off the readings, even in a dark environment.

- Record readings over a period of up to 999 hours: results are stored in the instrument, even for refrigeration systems and heat pumps
- Real-time recording and graphic presentation of measurement data
- Pressure measurement with automatic temperature calculation
- Integrated vacuum measurement



4-way digital manifold testo 570-1 Kit

Including 1 x clamp probe, batteries and calibration protocol

4-way digital manifold testo 570-2 Kit

Including 2 x clamp probes, transport case, software, USB data cable, mains unit, batteries and calibration protocol



testo 316 refrigerant leak detector

Leaks on a refrigeration system or heat pump have serious consequences. The system no longer provides the required cooling capacity and, in the worst case scenario, system components can be damaged. Not to mention the environmental damage and costs that can be incurred by the customer. You need fast, reliable measuring instruments such as the testo 316 leak detector in order to be able to detect even the smallest of leaks.



Refrigerant leak detector testo 316-3 • Can detect all the most common cooling agents: CFCs, HFCs, FCs, including R32
- Highly sensitive – detects small leaks
- Easy-to-use one-button operation
- Visual and audible alarm



Refrigerant leak detector testo 316-4
- Extremely high sensitivity of <3g/a enables detection of even the smallest leaks
- Earplug connection for use in loud environments
- Permanent sensor check
- Visual and acoustic alarm for optimum detection

Refrigerant leak detector for ammonia (NH3) testo 316-4 - Set 2
- Fast & reliable leak detector for ammonia
- Extremely high sensitivity of <3g/a enables detection of even the smallest leaks
- Earplug connection for use in loud environments
- Permanent sensor check



testo Vacuum/Torr Gauges Pressure measurement technology

testo 552i wireless vacuum probe, operated by smartphone

Use the new testo 552i vacuum probe with Bluetooth to measure vacuum wirelessly with speed, ease and precision via just one service port – with no loss of refrigerant. The testo Smart App supports you with numerous intelligent features – for example, you can see the vacuum by simply glancing at the graphic illustration in the app or on the manifold's display. Thanks to its robust, convenient housing and proven measuring technology, the vacuum probe is compact and reliable when carrying out your vacuum measurements on refrigeration and air conditioning systems and heat pumps.

- Fast and easy determination of the vacuum from the graphic display: on your smartphone or the display of your digital manifold
- Robust housing with IP 54 for maximum reliability in daily use
- Connects to the testo Smart App and manifolds via Bluetooth





Wireless vacuum probe testo 552i
- Hose-free vacuum measurements on refrigeration and air conditioning systems and heat pumps
- 0 to 26.66 mbar / 0 to 20000 micron
- Bluetooth range up to 100 metres
- Built-in 45° angle for easy installation at any service port

testo 552 bluetooth digital vacuum/ torr gauge

The testo 552 is a digital vacuum measuring instrument for the evacuation of refrigeration systems and heat pumps. It measures even the smallest absolute pressures and provides highly precise information on the status of the dehumidification of a system (removal of foreign substances, incl. oils or foreign gases). Its robust construction makes it suitable for daily use, and protects from dirt and water.

- Control and read complete measurement via smartphone
- Extremely precise, extremely rugged, extremely practical
- App for creating on-site reports
- Sending measurement protocols by e-mail
- Measurement of H2O evaporation temperature





Wireless vacuum probe testo 552
- Vacuum measurements on refrigeration and air conditioning systems and heat pumps
- 0 to 26.66 mbar / 0 to 20000 micron
- Bluetooth capabilities
- Visual alarm and backlit display

New testo Smart Probes Introducing testo 915i

testo 915i Thermometer with plug-in probes, operated by smartphone

- Wireless temperature measurement in the most diverse applications thanks to large selection of probes and compatibility with common Type K thermocouple probes
- Robust and fast-reaction probes for quick measurements
- Fast identification of temperature change by graph curve
- Individually available with air probe, immersion/penetration probe, surface probe or flexible probe (all TC Type K, Class 1)



testo 915i with flexible probe

Wireless Smart Probe testo 915i with flexible probe (TC Type K), incl. batteries and calibration protocol.



testo 915i with air probe

Wireless Smart Probe testo 915i with air probe (TC Type K), incl. batteries and calibration protocol.



testo 915i with immersion/ penetration probe

Wireless Smart Probe testo 915i with immersion/penetration probe (TC Type K), incl. batteries and calibration protocol.



testo 915i with surface probe

Wireless Smart Probe testo 915i with surface probe (TC Type K), incl. batteries and calibration protocol.



testo 915i kit

Universal temperature kit consisting of Smart Probe testo 915i with plug-in immersion/penetration probe, air probe and surface probe in Smart Case, incl. batteries and calibration protocol.



	testo 915i with flexible probe	testo 915i with air probe	testo 915i with immersion/ penetration probe	testo 915i with surface probe	testo 915i kit with air probe, immersion/penetration probe and surface probe
Sensor type	TC Type K				see respective columns testo 915i with air probe, immersion/penetration probe and surface probe
Measuring range	-50 to +400 °C	-50 to +400 °C		-50 to +350 °C	
System accuracy (handle testo 915i + probe)	±1.0 °C (-30 to +80 °C) ±(0.7 °C + 1 % of measured value) (-50 to -30 °C) ±(0.2 °C + 1 % of measured value) (+80 to +400°C)	±1.0 °C (-50 to +100 °C) ±1 % of measured value (remaining meas. range)		±(1.0 °C +1 % of m.v.)	
Resolution	0.1°C/°F				
t_{90} (at 1 m/s)	3 s	60 s	3 s	3 s	
Protection class	IP40	IP20	IP40	IP20	
Probe length Probe diameter	800 mm	99 mm Ø probe shaft 4 mm	115 mm Ø probe shaft 5 mm Ø probe tip 3 mm	136 mm Ø probe shaft 5 / 3 mm Ø probe tip 12 mm	
Probe locking	Yes (with handle testo 915i)				
Weight	96 g	99 g	99 g	110 g	

Perfect with the testo Smart App
FREE download

App Store
Google Play

testo Smart App

- Wireless control of the Testo Smart Probes
- Automatic calculation of evaporation and condensation temperature, as well as superheating and sub-cooling
- Analyse measurement data, create reports, add photos and send them by email

testo Smart Probe Kits:
The perfect kit for every engineer.

Attach, connect, done. The Testo Smart Probes are operated completely by a free App on your smartphone or tablet. This makes the testo Smart Probes refrigeration set perfect for fast testing on refrigeration and AC systems – and the App also deals with the calculation of other important system parameters such as sub-cooling, superheating, condensation and evaporation temperatures, as well as documentation, for you.

- The new Smart Probes testo 115i, testo 605i and testo 549i now have an extended measuring range up to 100 metres
- Measurement at a vent is comfortable with the bendable probe of the new testo 605i. Its thinner measurement tip is ideal for smaller apertures and the stable magnetic holder ensure secure attachment.

testo Smart Probes AC & refrigeration test kit

Commissioning and diagnostics on refrigeration and air conditioning systems. Superheating/subcooling. Consists of: 2 x testo 115i, 2 x testo 549i, testo Smart Case



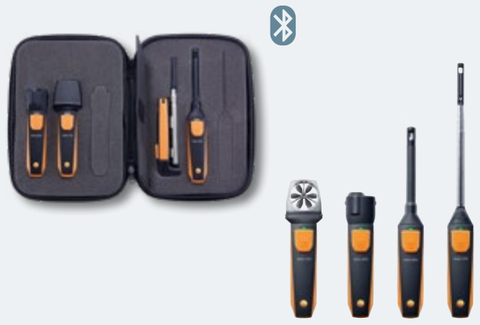
testo Smart Probes AC & refrigeration test kit plus

Application-specific menus: superheating and subcooling, target superheating, heating/cooling output. Consists of: 2 x testo 115i, 2 x testo 549i, 2 x testo 605i, testo large Smart Case



testo Smart Probes VAC kit

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



testo Smart Probes HVAC/R ultimate kit

Consists of: 2 x testo 115i, 2 x testo 549i, 2 x testo 605i, testo 405i, testo 410i, testo 510i, testo 805i, testo 915i, testo HVAC softcase, batteries, calibration protocol

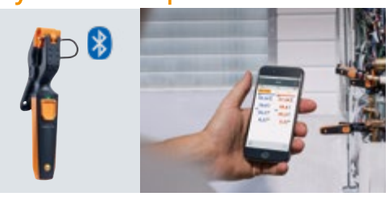


Perfect with the testo Smart App
FREE download

App Store
Google Play

testo Smart Probes:
Compact all-rounders operated by smartphone.

Clamp thermometer testo 115i
- Temperature measurement, also for calculating superheating/subcooling
- -40 to +150 °C
- Suitable for pipes 6 to 35mm diameter
- Bluetooth range up to 100 metres



High pressure measuring instrument testo 549i
- Hoseless high and low pressure measurement
- Low refrigerant loss when testing refrigeration systems
- -1 to + 60 bar
- Bluetooth range up to 100 metres
- Connection angled at 45° for easier mounting



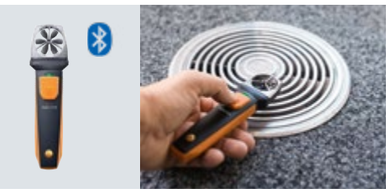
Humidity measuring instrument testo 605i
- Air humidity/temperature measurement, also for calculating cooling/heating performance
- -20 to +60 °C; 0 to 100 %RH
- Bluetooth range up to 100 metres
- Bendable probe and thinner measurement tip for small apertures



Thermal anemometer testo 405i
- Air flow velocity/temperature, volume flow measurement, also for calculating cooling/heating performance
- -20 to +60 °C; 0 to 30 m/s



Vane anemometer testo 410i
- Air flow velocity/temperature, volume flow measurement, also for calculating cooling/heating performance
- -20 to +60 °C; 0.4 to 30 m/s



Differential pressure measuring instrument testo 510i
- Measurement of low pressures, and flow measurement via pitot tube (not supplied)
- -150 to +150 hPa



Infrared thermometer testo 805i
- Non-contact surface temperature measurement
- Measuring spot marking:
- -50 to +150 °C



Indispensable for AC & refrigeration plants: Electrical measurement technology.



testo 760 digital multimeter: Automatic recognition of measurement parameter/range.

- Without manual rotary knob – prevents incorrect settings and saves on fuses
- Large, illuminated LCD for optimum legibility

Digital multimeter model comparison	testo 760-1	testo 760-2	testo 760-3
Illuminated display	✓	✓	✓
True root mean square measurement - TRMS	–	✓	✓
µA current measuring range	–	✓	✓
Low-pass filter	–	✓	✓
AC/DC voltage measuring range	0.1 mV to 600 V		0.1 mV to 1,000 V
AC/DC current measuring range	1 mA to 10 A	0.1 µA to 10 A	
Temperature measuring range	–	-20 to +500°C	



testo 770 clamp meter: Grabs cables in all positions.

- Unique grab mechanism makes it easier to work at tight measuring points
- Can be used via Bluetooth with testo Smart Probes App and smartphone/tablet (testo 770-3 only)

Clamp meter model comparison	testo 770-1	testo 770-2	testo 770-3
True root mean square measurement - TRMS	✓	✓	✓
Starting current measurement	✓	✓	✓
µA current measuring range	–	✓	✓
Bluetooth and testo Smart Probes App	–	–	✓
AC/DC voltage measuring range	1 mV to 600 V		
AC/DC current measuring range	0.1 to 400 A		0.1 to 600 A
Power (watts) measurement	–	–	✓

testo Smart Probes App:
Download now for iOS or Android free of charge



testo 750 voltage tester: With unique all-round display.

- Clear, patented 360° all-round display is legible from all sides
- Ergonomic handle shape
- Checks residual current circuit breakers (testo 750-2/-3 only)

Voltage tester model comparison	testo 750-1	testo 750-2	testo 750-3
Patented all-round LED display	✓	✓	✓
Certified according to voltage tester standard DIN EN 61243-3:2010	✓	✓	✓
Measuring point illumination	–	✓	✓
Single pole phase testing	–	✓	✓
Additional LC display	–	–	✓
AC/DC voltage measuring range	12 to 690 V		
Continuity testing measuring range	< 500 kΩ		



testo 755 current/voltage tester: Measures voltage, current and resistances.

- Measurement result without switching on or selection
- Automatic measurement parameter detection
- Voltage range up to 1,000 V
- Current and voltage testing all in one

Current/voltage tester model comparison	testo 755-1	testo 755-2
Certified according to voltage tester standard DIN EN 61243-3:2010	✓	✓
Measuring point illumination	✓	✓
Exchangeable measuring tips	✓	✓
Single pole phase testing	–	✓
Rotating magnetic field measurement	–	✓
AC/DC voltage measuring range	6 to 600 V	6 to 1,000 V
Current measuring range	0.1 to 200 A AC	



testo 745 non-contact voltage tester: No other instrument is so reliable.

- Optical and acoustic signal
- 2 sensitivities (12 to 50 V / 50 to 1,000 V)
- Measuring point illumination
- Filter (LPF) for high-frequency interference signals
- Waterproof and dustproof according to



Non-contact voltage testing on a distributor box with the testo 745.

Practical accessories for electrical measuring instruments.

Magnetic hook
For testo 760 multimeter



Thermocouple adapter
For testo 760 multimeter



Thermocouple adapter type K
For testo 770 clamp meter



Clamp meter adapter



Transport bag
For testo 760 | For testo 755/770 | For testo 750



Standard measuring cables
(Angled plug)
Tip Ø: 2 mm



Standard measuring cables
(Angled plug)
Tip Ø: 4 mm



Set of crocodile clips
For use with the measuring cable 0590 0011

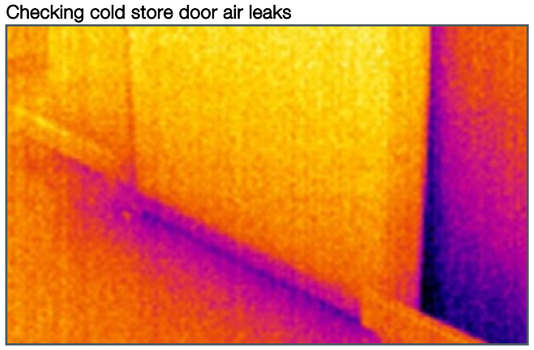


Testo thermal imaging cameras
for many applications.

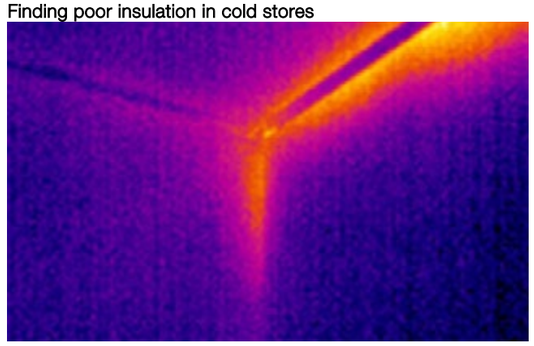
One of the key benefits that thermal imaging can bring is the ability to visualise temperature differences simply, and also to offer a fast and effective way to measure temperature on many applications with a non-contact method. With wide ranging applications in effective preventative maintenance, a Testo thermal imaging camera can provide early indications of electrical and mechanical faults or issues.

See more to know more….

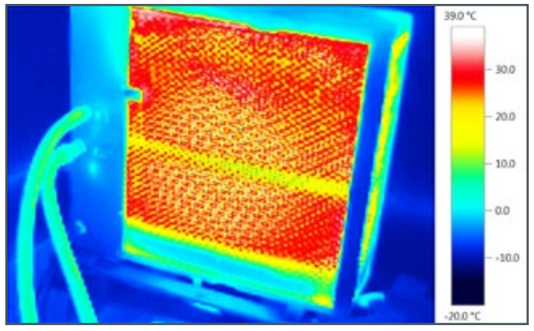
Checking cold store door air leaks



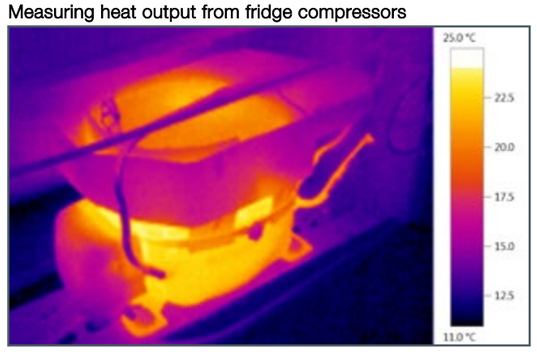
Finding poor insulation in cold stores



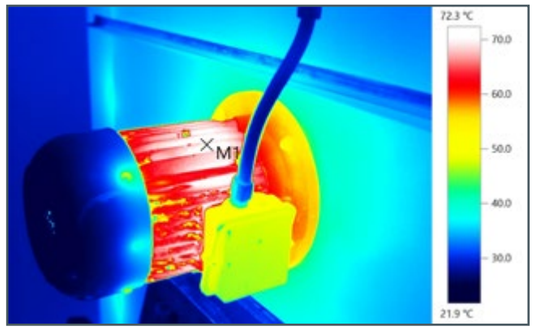
Monitoring heat pump condensors



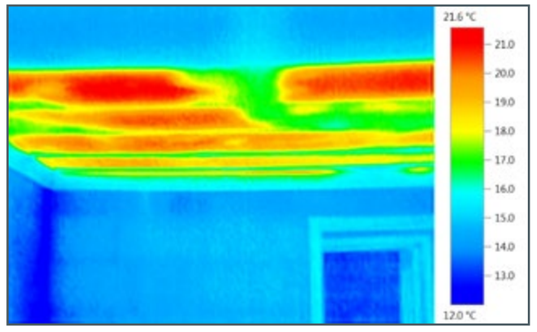
Measuring heat output from fridge compressors



Detecting heat level of motors



Discovering lack of roof insulation



First choice for refrigeration engineers:
thermal imaging cameras from Testo.

testo 865
thermal imaging camera



Infrared resolution 160 x 120 pixels (with testo SuperResolution Technology 320 x 240 pixels)
Automatic detection of hot and cold spots
Measuring range: -20 to +280°C

testo 868
thermal imaging camera



Infrared resolution 160 x 120 pixels (with testo SuperResolution Technology 320 x 240 pixels)
Integrated digital camera
With testo Thermography App
Measuring range:-30 to +100°C; 0 to +650°C

testo 871
thermal imaging camera



Infrared resolution 240 x 180 pixels (with testo SuperResolution technology 480 x 360 pixels)
Integrated digital camera
Wireless measurement data transfer from testo 770-3 clamp meter for electrical thermography and testo 605i for humidity measuring instrument
With testo Thermography App
Measuring range: -30 to +100°C; 0 to +650°C

testo 872
thermal imaging camera



testo 872 thermal imager
Infrared resolution 320 x 240 pixels (with testo SuperResolution Technology 640 x 480 pixels)
Integrated digital camera and laser marker
Wireless measurement data transfer from testo 770-3 clamp meter and testo 605i humidity measuring instrument
With testo Thermography App
Measuring range: -30 to +100°C; 0 to +650°C



testo Thermography App

- Create compact reports quickly, save them online and send them by email
- Contains helpful functions for fast, on-site analysis
- Transmit thermal images live to smart-phone/tablet

Download now for iOS or Android free of charge:

GET IT ON Google Play
Download on the App Store

Instruments for airflow measurement

testo 417
vane anemometer

- Measurement of flow, volume flow and temperature
- Flow direction detection
- Multi-point and timed mean calculation

	NTC	Vane	Volume flow
Measuring range	0 to +50°C	+0.3 to +20 m/s	0 to +99,999 m³/h
Accuracy ±1 digit	±0.5°C	±(0.1 m/s +1.5% of m.v.)	
Resolution	0.1°C	0.01 m/s	0.1 m³/h (0 to +99.9 m³/h) 1 m³/h (+100 to +99,999 m³/h)

testo 417

testo 417, vane anemometer with integrated 100 mm vane, including temperature measurement, calibration protocol and battery



testo 417 funnel set

Set comprising:

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



Accessories for testo 417	Order no.	£
testovent 417, funnel set comprising funnel for plate outlets (Ø 200 mm) and funnel for fans (330 x 330 mm)	0563 4170	170.00
Volume flow straightener testovent 417	0554 4172	83.00
Flow straightener and funnel set	0554 4173	229.00

testo 416
vane anemometer

- Direct display of the volume flow
- Multi-point and timed mean calculation
- Suitable for duct airflow measurement
- Hold button to retain the reading

Measuring range	0.6 m/s to 40 m/s
Accuracy ±1 digit	±(0.2 m/s +1.5% of m.v.)
Resolution	0.1 m/s

testo 416

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



testo 425
thermal anemometer

- Measurement of flow, volume flow and temperature
- Suitable for duct airflow measurement
- Multi-point and timed mean calculation
- Max./min. values

	Thermal	NTC
Measuring range	0 to +20 m/s	-20 to +50°C
Accuracy ±1 digit	±(0.03 m/s +5% of m.v.)	±0.5°C (0 to +60°C) ±0.7°C (remaining meas. range)
Resolution	0.01 m/s	0.1°C

testo 425

testo 425, compact thermal anemometer with permanently connected flow probe, includes temperature measurement and telescope (max. 820 mm), calibration protocol and battery



testo 440 air velocity & IAQ instrument

The testo 440 is a multi-function instrument platform, offering a single handset capable of accepting a wide range of probes including both Bluetooth and cable types. Probes are available to cover applications such as temperature, humidity, lux, airflow, carbon monoxide, CO2 and IAQ (indoor air quality).
The testo 440 system is ideal for multi-discipline engineers who want to work with a single instrument.

testo 440 Hot Wire Kit



Comprising:

- ✓ testo 440 air velocity & IAQ measuring instrument with internal memory and data export function
- ✓ Hot wire probe including temperature sensor, fixed cable (1.8 m) with telescope (0.85 m)
- ✓ Measurement menu, e.g. for determining the volume flow and timed and multi-point mean calculation
- ✓ Basic case for testo 440 and 1 probe

testo 440 16 mm Vane Kit



Comprising:

- ✓ testo 440 air velocity & IAQ measuring instrument with internal memory and data export function
- ✓ Vane probe, fixed cable (1.8 m) with telescope (0.85 m)
- ✓ Measurement menu, e.g. for determining the volume flow and timed and multi-point mean calculation
- ✓ Basic case for testo 440 and 1 probe

testo 440 delta P Air Flow ComboKit 2 with Bluetooth



Comprising:

- ✓ testo 440 dP air velocity & IAQ measuring instrument including differential pressure with internal memory & data export function
- ✓ Universal probe handle with Bluetooth
- ✓ 16 mm vane probe head
- ✓ 100 mm vane probe head incl. temperature sensor
- ✓ Humidity probe head incl. temperature sensor Telescope
- ✓ (1 m) and 90° angle for both probes Combi case for
- ✓ testo 440 dP and multiple probes

Temperature measurement

testo 830-T2 and T4 infrared thermometers

- Fast readings
- Laser sighting
- Adjustable alarm limits
- Audible and visual limit alarms
- User-friendly thanks to 'pistol design'
- Backlit display
- Adjustable emission factor (0.1 to 1.0)

Infrared	testo 830-T2	testo 830-T4
Measuring range	-30 to +400 °C	-30 to +400 °C
Accuracy ±1 digit	±1.5 °C or ±1.5 % of mv (+0.1 to +400 °C) ±2 °C or ±2 % of mv (-30 to 0 °C) (the higher value applies)	±1.5 °C (-20 to 0 °C) ±2 °C (-30 to -20.1 °C) ±1 °C or ±1 % of mv (remaining range)
Resolution	0.1 °C	0.1 °C

testo 830-T2

testo 830-T2, infrared thermometer, 2-point laser sighting, 12:1 optics, adjustable limit values, alarm function, connection of external probes, incl. batteries and factory calibration certificate



testo 830-T4

testo 830-T4, infrared thermometer, 2-point laser sighting, 30:1 optic, adjustable limit values, alarm function, connection of external probes, incl. batteries and factory calibration certificate

testo 830-T4 Set

testo 830-T4 with protective leather case, incl. cross-band surface probe (0602 0393), battery and factory calibration certificate



testo 925 / testo 922 thermometers

- Ideal for application in the heating, air conditioning and ventilation areas
- With optional radio probes
- Display of differential temperature (testo 922)

Measuring range	-50 to +1000°C
Accuracy ±1 digit	±(0.5°C +0.3% of m.v.) (-40 to +900°C) ±(0.7°C +0.5% of m.v.) (remaining measuring range)
Resolution	0.1°C (-50 to +199.9°C) 1°C (remaining measuring range)

testo 925

testo 925, 1-channel temperature measuring instrument TC type K, audible alarm, one optional radio probe can be connected, includes calibration protocol and batteries

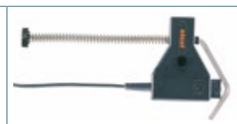


testo 922

testo 922, 2-channel temperature measuring instrument TC type K, one optional radio probe can be connected, includes calibration protocol and batteries



Robust air probe, TC type K, fixed cable 1.2 m Order No. 0602 1793 £48.70	
Watertight immersion/penetration probe, TC type K, fixed cable 1.2 m Order No. 0602 1293 £33.90	
Quick-action surface probe with sprung thermocouple strip, measuring range briefly up to +500°C, TC type K, fixed cable 1.2 m Order No. 0602 0393 £99.00	

Pipe wrap probe for pipe diameters of 5 to 65 mm, with replaceable measuring head, measuring range briefly up to +280°C, TC type K, fixed cable Order No. 0602 4592 £104.00	
Clamp probe for measurements on pipes, pipe diameters of 15 to 25 mm (max. 1"), measuring range briefly up to +130°C, TC type K, fixed cable Order No. 0602 4692 £53.00	

Humidity measurement

testo 625 humidity/temperature measuring instrument

- Display of temperature and relative humidity, wet bulb temperature and dew point
- Min.-/max. values
- Display illumination

Measuring range	0 to +100% RH / -10 to +60°C
Accuracy ±1 digit	±2.5% RH (+5 to +95% RH) / ±0.5°C
Resolution	0.1% RH/0.1°C

testo 625

testo 625, humidity/temperature measuring instrument, includes plug-in humidity probe head, calibration protocol and batteries



testo 440 humidity kit with Bluetooth



Comprising:

- ✓ testo 440 air velocity and IAQ measuring instrument
- ✓Humidity and temperature probe with Bluetooth Basic
- ✓case for testo 440 and 1 probe

Temperature / humidity data logging

Data logging to -30°C. Ideal for simple, low-cost fridge and freezer monitoring and logging.

testo 174T

testo 174T mini data logger, 1-channel, includes wall bracket, battery (2 x CR 2032 lithium) and calibration protocol

testo 174T mini data logger set, 1-channel, includes USB interface for programming and reading out the logger, wall bracket, battery (2 x CR 2032 lithium) & calibration protocol



Sensor type	NTC
Measuring range	-30 to +70 °C
Accuracy ±1 digit	±0,5 °C (-30 to +70 °C)
Resolution	0.1 °C

testo 174H

testo 174H mini data logger, 2-channel, includes wall bracket, battery (2 x CR 2032 lithium) and calibration protocol

testo 174H mini data logger set, 2-channel, includes USB interface for programming and reading out the logger, wall bracket, battery (2 x CR 2032 lithium) & calibration protocol



Sensor type	NTC
Measuring range	-20 to +70 °C
Accuracy ±1 digit	±0.5 °C (-20 to +70 °C)
Resolution	0.1 °C
Sensor type	Testo humid. sensor, cap.
Measuring range	0 to 100 %RH*
Accuracy ±1 digit	±3 %RH (2 to 98 %RH) ±0.03 %RH/K
Resolution	0.1 %RH

RPM measurement

testo 460 non-contact rpm measurement

- Optical rpm measurement with LED measurement spot marking
- Min./max. values
- Display illumination



Sensor type	optical
Measuring range	100 to 29999 rpm
Accuracy ±1 digit	±(0.02 %of m.v.)
Resolution	0.1 rpm (100 to 999.9 rpm) 1 rpm (1000 to 29999 rpm)



testo 470 non-contact & contact rpm measurement

- Easy one-hand operation
- Measurement of rpm, speeds and lengths
- Storage of mean, max. and min. values as well as the last measurement value
- Measurement distance up to 600 mm (optical measurement)



Sensor types	Optically with mod. light beam / contact via mechanical wheel
Measuring range	+1 to +99999 rpm
Accuracy ±1 digit	±0.02% of m.v.
Resolution	0.01 rpm (+1 to +99.99 rpm) 0.1 rpm (+100 to +999.9 rpm) 1 rpm (+1000 to +99999 rpm)
	Mechanical
Measuring range	+0.1 to +19999 rpm
Accuracy ±1 digit	±0.2% of m.v.



Testo refrigeration manifold service
fast, simple, reliable

Our new manifold service & calibration pricing offers our customers a more upfront and versatile method of getting their manifolds tested, serviced & calibrated.

We offer competitive turnaround times on all testo manifolds and can also apply Tier 1 to all non-testo digital & analogue manifolds. Our Tier 2 pricing includes all labour required to exact any repairs necessary to all testo models.

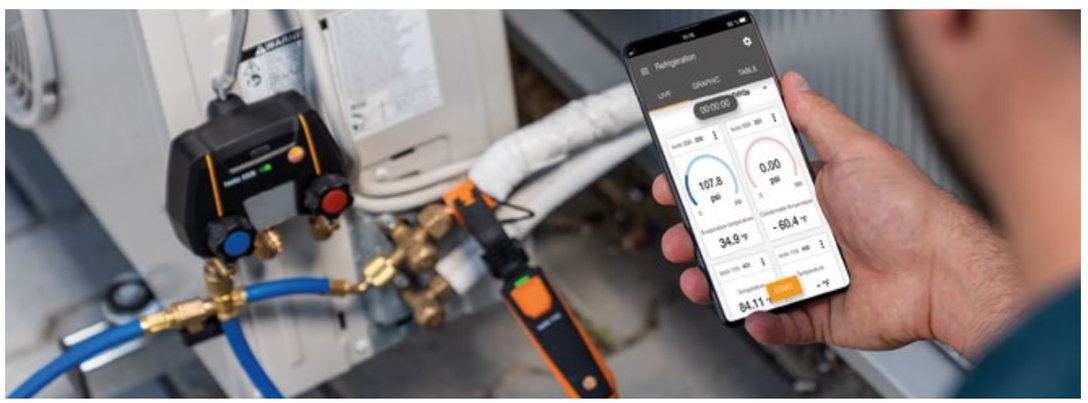
Calibration includes 5 measuring points across the range of unit under test, both increasing and decreasing pressure. We also perform an extensive, heat compensated, overnight leakage test.



Refrigeration Manifolds

Calibration Name	Description
Manifold ISO Calibration Tier 1 for testo 549, 550, 557, 570, 550i, 550s, 557s	Includes: - Initial Inspection - Accuracy Test - Sensor Adjustment - 8 Hour Leak Test - On Pass – ISO Calibration - Device Cleaning
Manifold ISO Calibration Tier 2 for testo 549, 550, 557, 570, 550i, 550s, 557s	As above, plus inclusive of all repair labour. N.B. Parts not included.

Testo can offer calibration accross all instruments.



Good Thinking

At Lindab, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction

Be sure. testo

Contact us for further information

Email: sales@lindab.co.uk

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