

Be sure. **testo**



# Everything at a glance. In your hand.

Fast measurement and easy operation via large graphic display and your smartphone – and yet maximally compact and rugged. The new digital manifolds from Testo.



## The demands are increasing. There's a solution at hand.

Good refrigeration, air conditioning or heating technicians work with expertise and experience. And the best ones with a professional assistant: us. Because at Testo, we develop exactly the tools which use reliable and smart technologies to make your working day easier. Thanks to Bluetooth® 5.0, the new digital manifolds with an extra-large display and robust safety housing are also suitable for wireless measurement. You save valuable time and avoid stress in

the installation, maintenance and servicing of refrigeration systems and heat pumps. All important measurement programs are already stored in the system, as well as the right refrigerants for different plants. With the testo Smart App, documentation is fast and uncomplicated on site. And thanks to wireless data transfer, you even have both hands free. Sound like a smooth job? Then we've done everything right.

# The new generation of digital manifolds.

Allow us to introduce you: Today's 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. What was already good, we've made even better:

- larger display with clearer arrangement
- increased durability and convenience of handling
- wireless networking with Bluetooth® 5.0

And we have introduced the first fully digital manifold onto the market, which allows you to display and evaluate all results in real time in the testo Smart App. You can see the convincing result here. And if you want, soon hold it 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.

testo 550s / testo 557s

# The two new ones. First choice for every job.



 **Bluetooth® 5.0  
+ App**  
testo Smart App  
for free download

 NOW IN **Google Play**  Download at **App Store**

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, provide even more flexibility. And the App also always has the right refrigerant ready. Thanks to its proven quality and great durability, you can rely on maximum precision under any conditions. From the first to the last job.



## The advantages are obvious:

- **All results at a glance** with the large graphic display
- **Exceptionally compact and reliable** thanks to the easy-to-handle, robust housing with IP 54 protection class
- **Easy, wireless measurement of vacuum and temperature** via automatic Bluetooth® connection
- **Even greater flexibility for your measurements and documentation** with the testo Smart App

# Immediately ready to go with practical kits and useful accessories.



## testo 550s

The digital manifold with Bluetooth® and 2-way valve block.



## testo 557s

The digital manifold with Bluetooth® and 4-way valve block.



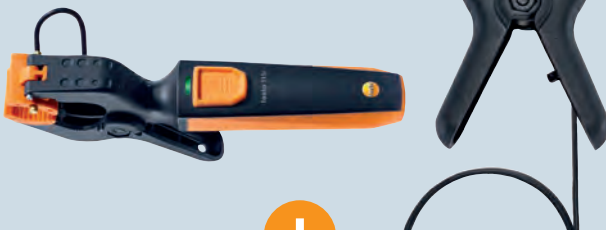
## Practical case

Always included: robust case for stowing all kit components, hoses and probes quickly and safely.



## Temperature probes

With or without cable for measurements on pipes Ø 6-35 mm



## Hoses with valve

3 or 4 x 7/16" UNF / 1 x 5/8" UNF, length 1.5 m each



## testo 552i

The wireless vacuum smart probe connects automatically to the digital manifolds or the testo Smart App, Bluetooth® range up to 150 m.



## Magnetic strap

with click system for easy exchange



always included

Optional

testo 550i

# Fully smart, fully wireless: The smallest manifold of all time.



 **Bluetooth® 5.0  
+ App**  
testo Smart App  
for free download

 NOW IN Google Play  Download at App Store

Ready for all your jobs. Today and in the future: The first fully 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. The smallest digital manifold on the market is equipped with a 2-way valve block, deals with measurements fast and conveniently, and thanks to the digital documentation, saves considerable 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. And with nothing more in your hand than your smartphone, you're standing relaxed to one side – or up to 150 m away.





## Your advantages:

- **All activities, from measurement through to documentation**, using the testo Smart App on your smartphone
- **The smallest digital manifold on the market**
- **Maximum reliability** thanks to the extremely robust housing with IP54 protection class
- **Optionally expandable with testo Smart Probes** for wireless measurement of temperature, humidity and vacuum

## Wireless, hoseless – and go! Vacuum measurement with the testo 552i smart probe.



No cables. And no hose either: The new testo 552i App-controlled vacuum probe expands the testo Smart Probes portfolio with the option of measuring vacuum wirelessly, fast and via just one service port.

For the purposes of vacuum measurement, the testo 552i connects automatically with the digital manifolds testo 550s and testo 557s, as well as with the testo 550i via testo Smart App, and provides alarms directly in the App in the case of critical values. What more do you need?

## The advantages at a glance:

- **Identify vacuums quickly and easily** through graphical representation in the App or on the digital manifold's display
- **Automatic Bluetooth® connection** with the testo Smart App and all digital manifolds
- **Compact, reliable and robust** thanks to housing with IP 54 protection class
- **Easy installation** at any service port thanks to the integrated 45° angle

Download  
now free of  
charge

For Android  
and IOS



# One for all. The testo Smart App.



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, digital manifold and software synchronise via WLAN



# Digital manifolds from Testo in comparison.

Whatever the digital manifolds from Testo are needed for – our range has the right one. Compare and decide better.

	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 2 temperature probes + Bluetooth® probe)	✓ (up to 2 temperature probes + Bluetooth® probe)	✓ (up to 2 temperature probes + Bluetooth® probe)
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)	✓	✓	✓

# Six ready-to-go kits. Order now.

testo 550s

## Basic kit

Smart digital manifold with  **cable**  temperature probes in practical case, incl. calibration certificate and batteries

Order no. 0564 5501



2820,-



## Smart kit

Smart digital manifold with  **wireless**  temperature probes in practical case, incl. calibration certificate and batteries

Order no. 0564 5502



3335,-



## Smart kit with filling hoses

Smart digital manifold with  **wireless temperature probes and three filling hoses**  in practical case, incl. calibration certificate and batteries

Order no. 0564 5503



3760,-



testo 557s

## Smart vacuum kit

Smart digital manifold with  **wireless vacuum and temperature probes**  in practical case, incl. calibration certificate and batteries

Order no. 0564 5571



4190,-



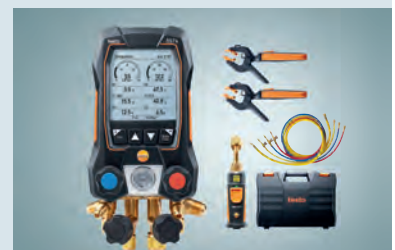
## Smart vacuum kit with filling hoses

Smart digital manifold with  **wireless vacuum and temperature probes and four filling hoses**  in practical case, incl. calibration certificate and batteries

Order no. 0564 5572



4705,-



testo 550i

## Smart kit\*

Smart digital manifold with  **wireless temperature probes**  in practical case, incl. calibration certificate and batteries

Order no. 0564 3550



2820,-



\* testo 550i also available as an individual instrument, incl. batteries (3 x AAA), calibration protocol and instruction manual Order no. 0564 2550

# Precise, practical, good. Accessories for your new digital manifold.








**testo 552i**  
**Wireless vacuum probe**

Order no. 0564 2552


**1105,-**

**testo 115i**  
**Wireless temperature probe**

Order no. 0560 2115 02


**532,-**



**Magnetic strap**

Order no. 0564 1001

**335,-**



**Temperature probes in kit**

Order no. 0613 5507

**420,-**



**Pipe wrap probes**

Order no. 0613 5605


**1790,-**



**Robust air temperature probe**

Order no. 0613 1712

**788,-**



**Temperature probe with Velcro**

Order no. 0613 4611




**677,-**



**Watertight NTC surface probe**

Order no. 0613 1912

**842,-**

**testo Smart Probes**  
**Refrigeration kit**

2 x testo 115i / testo 549i  
1 x testo Smart Case

Order no. 0563 0002 10

**2281,-**



**testo 510 kit**  
**Differential pressure measuring instrument**

with belt holder and batteries

Order no. 0563 0510

**1468,-**



**testo 316-3**  
**Leak detector for refrigerants**

Order no. 0563 3163

**2570,-**

# One App. Endless possibilities. Download now free of charge.

Welcome to the new, digital age of measurement technology. With the testo Smart App, you turn your smartphone into a mobile, multi-functional command centre for all applications involving refrigeration, air conditioning and heating systems. Together with the Bluetooth®-enabled measuring instruments and Smart Probes from Testo, this equips you optimally for the future. And everything which comes after it.

## Digital manifolds



## testo Smart Probes

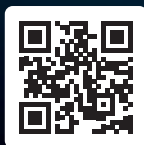


## Electrical measuring instrument



Download  
now free of  
charge

For Android  
and IOS



Hassellunden 11A, 2765 Smørum  
Tel. 45 95 04 10  
info@buhl-bonsoe.dk  
www.buhl-bonsoe.dk