

Be sure. **testo**



# Everything at a glance. In your hand.

Fast measurement and easy operation via large graphic display and your smartphone – yet extremely 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 techs with a professional assistant: us. Because at Testo, we develop 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 rugged 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 job sites. With the testo Smart App, documentation is fast and uncomplicated on site. Thanks to wireless data transfer, you even have both hands free. Sound like a smooth job? Then we've done everything right.

# The next generation of digital manifolds.

Allow us to introduce: 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

Testo has 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 results 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 rugged: The rugged housing with its large display handles its job reliably even under extreme conditions.



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

testo 550s / testo 557s

# Two New Manifolds. First choice for every job.

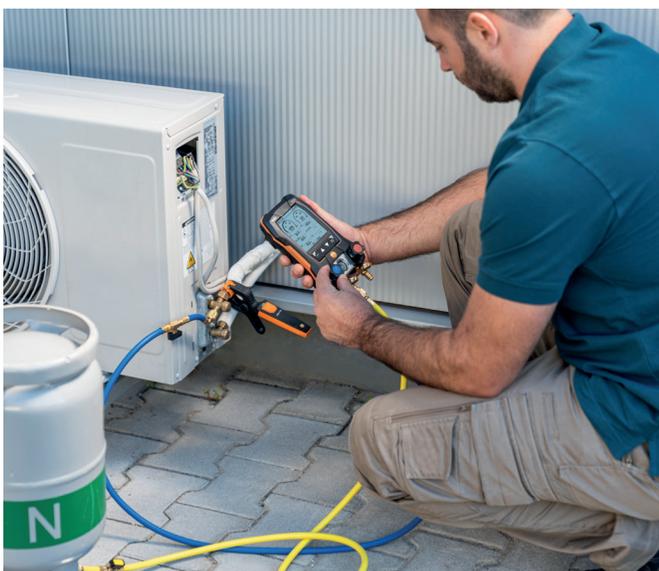


 **Bluetooth® 5.0 + App**  
testo Smart App  
for free download

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

The testo 550s and testo 557s digital manifolds 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 automatic determination of important 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 with the testo Smart App, providing even more flexibility. Additionally, the Smart Probes App will always select the proper refrigerant. 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, rugged housing with IP 54 protection class
- **Easy, wireless measurement of vacuum and temperature** via automatic Bluetooth® connection to the testo Smart Probes
- **Even greater flexibility for your measurements and documentation** with the testo Smart App

# Field ready practical kits and useful accessories.



## testo 550s

Digital manifold with Bluetooth® and 2-way valve block.



## testo 557s

Digital manifold with Bluetooth® and 4-way valve block.



### Practical case

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



### Temperature probes

With or without wire for measurements on pipes Ø 0.2 to 1.4 inches



### Hoses with valves

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



### testo 552i

The wireless vacuum Smart Probe connects automatically to the digital manifolds or the testo Smart App, Bluetooth® range up to 500 feet.



### Magnetic strap

with click system for easy swapping



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

Ready for all your jobs. Today and in the future: The first fully digital manifold, the testo 550i, enables you to control your daily servicing and maintenance work on refrigeration, air conditioning systems, and heat pumps entirely via the 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, 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. With nothing more in your hand than your smartphone, you're standing relaxed to one side – or up to 500 feet away.





## Your advantages:

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

## No wires, No hoses – and go! Vacuum measurement with the testo 552i smart probe.



No wires. No hoses: The new testo 552i App-Controlled vacuum probe expands the testo Smart Probes portfolio with the option of measuring vacuum wirelessly, fast, and with just one service port.

For the purposes of vacuum measurement, the testo 552i connects automatically with the testo 550s and testo 557s digital manifolds, as well as with the testo 550i via the 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 rugged** 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 new testo Smart App.



All applications of the new digital manifolds on your smartphone: With the new testo Smart App, you can evaluate results even faster. Additionally, it helps you to avoid measurement errors, as stored measurement programs guide you step by step through the configuration and measurements. 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. You can also 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 Wi-Fi.

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



From the test site 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 synchronize via Wi-Fi

# 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	Bluetooth 5.0 (range up to 500 feet)	Bluetooth 5.0 (range up to 500 feet)	Bluetooth 5.0 (range up to 500 feet)
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 870 psi	up to 870 psi	up to 870 psi
Pressure measurement accuracy	> 0.5 % of fs	> 0.5 % of fs	> 0.5 % of fs
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)	✓	✓	✓

# Field ready kits. Order now.

testo 550s



### Basic Kit

Smart digital manifold with **wired temperature probes**, case, certificate of conformity, batteries

Order no. 0564 5501 01



### Smart Kit

Smart digital manifold with **wireless temperature probes**, case, certificate of conformity, batteries

Order no. 0564 5502 01



### Smart Kit

Smart digital manifold with **wireless temperature probes and wireless vacuum probe**, case, certificate of conformity and batteries

Order no. 0564 5504 01



### Smart Kit with hoses

Smart digital manifold with **wireless temperature probes, wireless vacuum probe, three hoses**, case, certificate of conformity and batteries

Order no. 0564 5505 01

testo 550i



### Smart Manifold

Smart digital manifold with certificate of conformity, batteries

Order no. 0564 2550 01



### Smart Kit

Smart digital manifold with **wireless temperature probes**, case, certificate of conformity, batteries

Order no. 0564 3550 01



### Smart Kit

Smart digital manifold with **wireless temperature probes and wireless vacuum probe**, case, certificate of conformity, and batteries

Order no. 0564 4550 01



### Smart Kit

Smart digital manifold with **wireless temperature probes and wireless thermohygrometers**, case, certificate of conformity, and batteries

Order no. 0564 5550 01

testo 557s



### Smart Vacuum Kit

Smart digital manifold with **wireless temperature probes and wireless vacuum probe**, case, certificate of conformity, and batteries

Order no. 0564 5571 01



### Smart Vacuum Kit with hoses

Smart digital manifold with **wireless temperature probes and wireless vacuum probe and four hoses**, case, certificate of conformity and batteries

Order no. 0564 5572 01

# Do more on the job.

## Accessories for your new digital manifold.







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

Order no. 0564 2552 01







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

Order no. 0560 2115 02







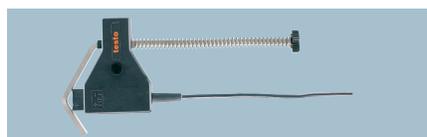
**testo 605i**  
**Wireless Thermohygrometer**

Order no. 0560 2605 02



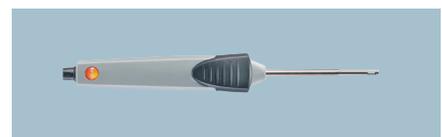
**Temperature probes (x2)**

Order no. 0613 5507



**Pipe wrap probe**

Order no. 0613 5605



**Air temperature probe**

Order no. 0613 1712



**Temperature probe with Velcro**

Order no. 0613 4611



**Watertight NTC surface probe**

Order no. 0613 1912



**Magnetic strap**

Order no. 0564 1001







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

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

Order no. 0563 0002 10



**testo 510 kit**  
**Differential pressure measuring instrument**  
with belt holder and batteries

Order no. 0563 0510



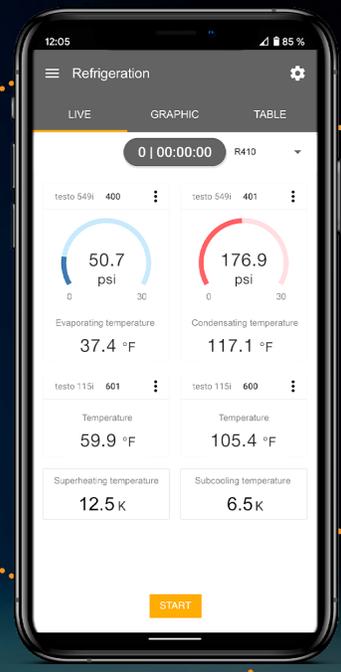
**testo 316-3**  
**Leak detector for refrigerants**

Order no. 0563 3163

# 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




Subject to change, including technical modifications.  
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