

Be sure. **testo**



**60** Years  
Testo

# Do more. With less.

Our refrigeration measurement technology – intuitive, efficient, reliable: Welcome to the Smart World of Testo.

## Discover **the smart world** of air conditioning system maintenance.

The testo **Smart Probe AC / Refrigeration Kit** is fast & efficient for air conditioning system testing as it is wireless, and hoseless. This means no-refrigerant-loss pressure testing.

The testo **550** and **557** digital manifolds provide complete servicing capabilities including 2 or 4 valve manifolds and no-valve/no-hose vacuum testing with external vacuum probe (only for use with the 557).

### How will they work for you?

- Powerful testo apps provide live analysis of superheat and subcool at the push of a button, eliminating complicated manual calculations.
- Work more efficiently- hoseless and wireless connections with low-loss fittings on the **Smart Probe AC & Refrigeration Kit**.
- Full system service with 2 & 4 valve manifolds for charging and vacuum for evacuation.
- Eliminate paper clutter – measurement reports are sent directly from the testo app via email.



## Powerful Testo apps.



Your smart device becomes a more powerful tool when combined with the **Testo Refrigeration app** and **Smart Probes app**.

Free App download



### The testo Smart Probes App Features:

- Connect up to 6 Smart Probes simultaneously for all your HVAC testing needs.
- Automatic calculation and display of measurements in easy-to-read formats.
- Data and reports generate lists, trending graphs and tables, notes and photos, all as display options.
- Report generation at the push of a button, sent via email.



### The testo Refrigeration App Features: (550 & 557)

- Wireless display of measurement values simultaneous to instrument display.
- Upload new refrigerants directly into your manifold.
- Automatic calculation and display of measurements in easy-to-read formats.
- Generate lists, trending graphs and tables as display options.
- Report generation at the push of a button, and include photos sent via email.



## The testo **Smart Probes** **AC / Refrigeration Kit.**



**Welcome to the digital world.** The **Smart Probe AC & Refrigeration Kit** is operated entirely by smart devices using the testo Smart Probe App offering complete diagnostics monitoring on refrigeration/ac systems including superheat/subcooling calculations.

### **The air conditioning set includes:**

- Two testo 549i high-pressure measuring probes w/ 45° connectors
- Two testo 115i clamp thermometer probe
- Testo Smart Case (with space for all additional smart probes)

### **Benefits:**

- Complete and compact wireless AC/R test kit.
- Measure high-side & low-side refrigerant pressure & temperatures (simultaneously) on AC/R systems.
- Wireless monitoring up to 350 ft clear line of site.
- Multiple data display options: list, trending and table view.
- Automatic digital report generation.

testo Smart Probes App  
info & download:



## Digital manifolds: **testo 550 and testo 557.**



The **testo 550** and **557** digital manifolds are equipped to simplify your air conditioning system testing and servicing.

Automatic Superheat and Subcool calculations work with or without the powerful refrigeration app to simplify your job.

### **Benefits:**

- Automatic calculations for evaporation, condensation temperature, superheat and subcool. Ideal for charging to target superheat.
- Heat pump mode for convenient testing.
- 2x pipe clamp temperature probes included.
- Vacuum probe (external) on Testo 557 for deep micron readings.
- Automatic report generation with the refrigeration app.
- 2 valve (550) & 4 valve (557) manifolds for convenient servicing capabilities.

testo refrigeration App  
info & download:



## Additional instruments for measurements on Air Conditioning systems.



### testo Smart Probes AC & Refrigeration Complete Kit

Consists of: (2x) testo 115i, (2x) testo 549i, (2x) testo 605i, testo 405i / 410i / 510i / 805i / 905i, testo HVAC softcase, batteries, certificate of conformity  
Part no. 0563 0007



### testo 570 Digital manifold set with onboard memory for data logging

incl. 2x clamp probes, transport case, main unit, batteries and certificate of conformity

Part no. 0563 5703



**testo 549  
Digital manifold**  
for air conditioning  
systems and heat  
pumps; incl. batteries  
and certificate of  
conformity

Part no. 0560 0550



**testo 552 Digital  
micron gauge with  
Bluetooth** for wireless  
monitoring of vacuum  
measurements. Can  
be used with 570 using  
optional DIN cable

Part no. 0560 5522



**testo 316-3  
Refrigerant leak  
detector** for HFC,  
HCFC, CFC incl. sensor  
head, transport case,  
certificate of conformity,  
batteries and filter

Part no. 0563 3163



**testo Digital Manifold  
Valve Replacement  
Kit** Replacement valve  
stems, knobs, pins, and  
thread lock. Includes 2  
replacment stems.

Part no. 0554 5570



**NTC Clamp  
probe** for pipes  
from 1/4" to 1 1/2"

Part no. 0613 5505



**testo 760-2  
Digital multimeter**  
600V with 3-button  
operation & fail-safe  
design prevents from  
connecting leads  
incorrectly

Part no. 0590 7602

# The products in comparison.

|                                                                           | Analog    | testo 550                                        | testo 557                                |
|---------------------------------------------------------------------------|-----------|--------------------------------------------------|------------------------------------------|
| Pressure measurement up to 870 psi                                        | ✓         | ✓                                                | ✓                                        |
| Accuracy (in PSI)                                                         | +/- 4 psi | +/- 0.5 psi                                      | +/- 0.5 psi                              |
| Refrigerant-flexible calculation of evaporation/condensation temperatures | —         | for 60 refrigerants; refrigerant updates via App |                                          |
| Temperature measurement                                                   | —         | via 2 NTC cable probes                           |                                          |
| Automatic calculation of superheating/subcooling                          | —         | ✓                                                | ✓                                        |
| Temperature-compensated tightness test                                    | —         | ✓                                                | ✓                                        |
| Heat pump mode                                                            | —         | ✓                                                | ✓                                        |
| Vacuum measurement                                                        | —         | indication                                       | highly precise external probe (1 Micron) |
| Automatic absolute pressure measurement                                   | —         | —                                                | ✓                                        |
| Graphic and tabular curve display                                         | —         | ✓                                                | ✓                                        |
| Documentation of measurement results                                      | —         | with refrigeration App                           |                                          |

## More info in our videos:



youtube.com/testoinstruments

**You Tube**



0:07 / 0:57

## Smart choices for Air Conditioning measurement.

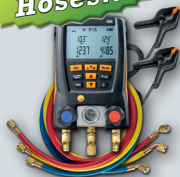
### testo 550 kit with 3 hoses

testo 550 Digital manifold (with BT app), for air conditioning systems and heat pumps; incl. 3 hoses, 2 clamp probes, batteries, case and certificate of conformity

Part no. 0563 2550



Now Includes Hoses!!



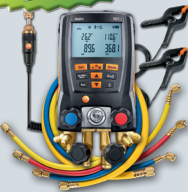
### testo 557 kit with 4 hoses

testo 557 Digital manifold (with BT app), for commissioning, service and maintenance; incl. 4 hoses, 2 clamp probes, external vacuum probe, batteries, case and certificate of conformity

Part no. 0563 2557



Now Includes Hoses!!



### testo Smart Probes AC & Refrigeration Kit

testo Smart Probes AC & Refrigeration Kit for testing & diagnostics on ac/refrigeration systems. Consists of: 2x testo 115i, 2x testo 549i, testo Smart Case, batteries, certificate of conformity \*Case fits additional smart probes

Part no. 0563 0002 20

Bluetooth up to 350ft!



### testo Smart Probes AC/R Test and Load Kit

testo Smart Probes AC & Refrigeration Test and Load Kit for testing and troubleshooting on air conditioning and refrigeration systems as well as on heat pumps. Consists of: 2x testo 115i, 2x testo 549i, 2x testo 605i, testo HVAC softcase, batteries, and certificate of calibration conformity \*Case fits additional smart probes

Part no. 0563 0009

Bluetooth up to 350ft!

