Be sure. **testo**

Digital manifold

testo 550i – the manifold with Bluetooth and 2-way valve block for commissioning, servicing and maintenance of refrigeration systems and heat pumps

All activities, from measurement through to documentation, using the App on your Smartphone

The smallest digital manifold on the market

Maximum reliability thanks to the extremely robust housing with IP54 protection class

Automatic refrigerant-specific calculation of evaporation and condensation temperature in the App

Optionally expandable with testo Smart Probes for temperature, humidity and vacuum

Convenient refrigerant management in the App with favourites and automatic updates

bar

Bluetooth 5.0 + App

testo Smart App for free download

GET IT ON Google Play

Download on the App Store

The testo 550i digital manifold enables digitally versed technicians to control their daily servicing and maintenance work on refrigeration and air conditioning systems and heat pumps entirely via App and smartphone/tablet. Equipped with a 2-way valve block and robust hook, the testo 550i saves you time with its fast and easy measurements, clearly presented results and digital documentation.

In addition, this compact instrument, designed with the most essential features, automatically connects via the testo Smart App to various Bluetooth probes for temperature, pressure and humidity, thus ensuring maximum flexibility for wireless working.
Its proven quality and great durability guarantee the continuously high performance of your manifold in all conditions.

Technical data/accessories/kits

Sensor type	Pressure
Measuring range	-1 to 60 bar
Accuracy (at 22 °C)	±0.5% fs
Resolution	0.01 bar
Overload	65 bar

General technical data	
Operating temperature	-20 to +50 °C
Storage temperature	-20 to +60 °C
Battery type	3 AAA microcells
Battery life	130 h
Auto power off	After 10 minutes when not connected via Bluetooth
Dimensions	77 x 109 x 60 mm
Weight	592 g
Protection class	IP54
Bluetooth technology/ range	Bluetooth® 5.0/150 m
Compatibility	requires iOS 11.0 or newer/Android 6.0 or newer
	requires mobile terminal device with Bluetooth® 4.0

The testo Smart App
- For all applications of the testo 550i – from measurement to documentation
- Compatible with all Bluetooth-enabled Testo measuring instruments for air conditioning/ refrigeration systems and heat pumps
- Measurement errors are easily prevented thanks to menus that offer optimum support, e.g. for superheating and subcooling
- Quick analysis thanks to clear presentation of the values, e.g. in a table
- Create digital measurement reports including photos as PDF/CSV files on site and email them straight away

Measuring instrument accessories	Order no.	
Magnetic belt for digital manifolds for flexible use of the magnet or hook thanks to a simple exchange system, compatible with all digital manifolds from Testo	0564 1001	
Valve spare parts kit; exchange of 2 valve positioners with 4 valve positioner covers (red, blue and 2 x black), compatible with all digital manifolds from Testo.	0554 5570	

testo 550i kits		
	testo 550i App-controlled manifold	**testo 550i Smart Kit** App-controlled manifold with wireless temperature probes
Order no.	0564 2550	0564 3550
Kit components		
testo 550i App-controlled manifold	✅	✅
Calibration protocol	✅	✅
testo 115i Wireless clamp temperature probe (Smart Probe)		✅ 2 x
Instrument case		✅

Testo Smart Probes

testo 115i

testo 115i, clamp thermometer operated with smartphone, for measurement on pipelines with diameters of 6 to max. 35 mm, including batteries and calibration protocol

Order no. 0560 2115 02

Sensor type	NTC
Measuring range	-40 to +150 °C
Accuracy ±1 digit	±1.3 °C (-20 to +85 °C)
Resolution	0.1 °C
General technical data	
Compatibility	requires iOS 11.0 or newer/Android 6.0 or newer
	requires mobile terminal device with Bluetooth® 4.0
Storage temperature	-20 to 60 °C
Operating temperature	-20 to +50 °C
Battery type	3 AAA microcells
Battery life	150 h
Dimensions	183 x 90 x 30 mm
Bluetooth® range	up to 100 m

testo 552i

testo 552i, app-controlled wireless vacuum probe, including batteries and calibration protocol

Order no. 0564 2552

Sensor type	Pressure
Measuring range	0 to 26.66 mbar/0 to 20000 microns
Accuracy ±1 digit	±10 microns + 10% of m.v. (100 to 1000 microns)
Resolution	1 micron (0 to 1000 microns) 10 microns (1000 to 2000 microns) 100 microns (2000 to 5000 microns)
Connection	7/16" – UNF
Overload	6.0 bar/87 psi (relative: 5.0 bar/72 psi)
General technical data	
Connection	Bluetooth 4.2
Bluetooth® range	150 m
Storage temperature	-20 °C to +50 °C
Operating temperature	-10 °C to +50 °C
Battery type	3 AAA microcells
Battery life	39 h
Auto power off	After 10 minutes when not connected via Bluetooth
Protection class	IP54
Dimensions	150 x 32 x 31 mm
Weight	142 g

testo 605i

testo 605i, thermohygrometer operated with smartphone, including batteries and calibration protocol

Order no. 0560 2605 02

Sensor type	Humidity – capacitive
Measuring range	0 to 100 %RH
Accuracy (at +25 °C) ±1 digit	±3.0 %RH (10 to 35 %RH) ±2.0 %RH (35 to 65 %RH) ±3.0 %RH (65 to 90 %RH) ±5 %RH (< 10 %RH or > 90 %RH)
Resolution	0.1 %RH
Sensor type	**NTC**
Measuring range	-20 to +60 °C
Accuracy ±1 digit	±0.8 °C (-20 to 0 °C) ±0.5 °C (0 to +60 °C)
Resolution	0.1 °C
General technical data	
Compatibility	requires iOS 11.0 or newer/Android 6.0 or newer
	requires mobile terminal device with Bluetooth® 4.0
Storage temperature	-20 to +60 °C
Operating temperature	-20 to +50 °C
Battery type	3 AAA microcells
Battery life	150 h
Dimensions	218 x 30 x 25 mm
	73 mm probe shaft
Bluetooth® range	up to 100 m

www.testo.com