

Digital manifold

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

With App and Bluetooth instead of cables:
Automatic probe recognition and convenient control by smartphone/tablet

Extremely robust housing with IP 54 for maximum reliability

Minimalistic design:
The smallest digital manifold on the market

Favourite refrigerants list:
The most important refrigerants available quickly and easily

Compatible with testo Smart Probes:
Measure temperature, humidity and vacuum wirelessly



 Bluetooth 5.0
+ App

testo Smart App
for free download



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 from their 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 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

General technical data

Operating temperature	-10 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

Sensor type

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

Pressure

Measuring instrument accessories

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	Order no.	0564 1001
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testo 550i kits

	testo 550i App-controlled manifold	testo 550i Smart Kit App-controlled manifold with wireless temperature probes
		
Order no.	0564 2550 02	0564 3550 02
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 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

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 5.0
Bluetooth® range	130 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

