We measure it. testo

Digital manifold

testo 550 – the Bluetooth manifold for refrigeration systems and heat pumps

- App integration via Bluetooth for fast and convenient monitoring and reporting on site
- Refrigerant update in the instrument via App
- Calculation of superheating/subcooling in real time with up to two external temperature probes
- 2-way valve block with three connections, three hose parkers and sight glass
- 250 hours' battery life

The new testo 550 is the robust tool for daily work on refrigeration systems and heat pumps. The robust 2-way metal valve block with 3 connections and 3 hose parkers allows you to work quickly and easily.
The App integration via Bluetooth opens up new possibilities for efficient analysis and documentation. Via the wireless connection, users can read off the measurement data on a Smartphone or tablet, allowing them to work more quickly and conveniently. In addition to this, the user can finalize and send the measurement report directly on site. The App alows the list of stored refrigerants to be updated, for example. The more robust housing, with a metal frame around the display, protects the new testo 550 even more reliably from impact. The vacuum display indicates the level of vacuum reached in evacuation. The testo 550 is thus excellently suitable for commissioning, service and maintenance. Thanks to additional features such as the automatic heat pump mode, which eliminates the need to switch over the hoses, and the temperature-compensated tightness test function, working on refrigeration systems and heat pumps is easier than ever before.

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Technical data / Accessories

testo 550 set

testo 550 set, digital manifold with Bluetooth for refrigeration systems and heat pumps; incl. 2 x clamp probes, batteries, case and calibration certificate

Part no. 0563 1550

General technical data

Operating temperature	-10 to +50 °C
Storage temperature	-20 to +60 °C
Battery life	250 h (without illumination, without Bluetooth®)
Dimensions	200 x 109 x 63 mm
Weight	1060 g
Protection class	IP42
Refrigerants in the instrument	60 profiles: R11, R12, R123, R1234yf, R1234ze, R125, R13B1, R134a, R14, R142B, R152a, R161, R22, R227, R23, R290, R32, R401A, R401B, R401C, R402A, R402B, R404A, R406A, R407A, R407B, R407C, R407D, R407F, R408A, R409A, R410A, R411A, R412A, R413A, R414B, R416A, R417A, R420A, R421A, R421B, R422A, R422B, R422C, R422D, R424A, R426A, R427A, R434A, R437A, R438A, R502, R503, R507, R508A, R508B, R600, R600a, R744 (CO_2), R718 (H_2O), update via App
Warranty	2 years

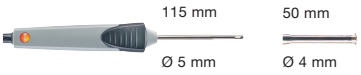
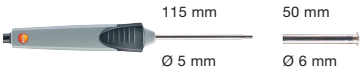
Sensor types

	Pressure	Temperature	Vacuum
Measuring range	-1 to 60 bar	-50 to +150 °C	-1 bar to 0 bar
Accuracy (at 22 °C)	±0.5 % fs	±0.5 °C	–
Resolution	0.01 bar	0.1 °C	–
Probe connections	3 x 7/16" – UNF	2 x plug-in (NTC)	–
Overload	65 bar	–	–

Accessories

	Part no.	
Accessories for measuring instrument		
Transport case for testo 550 and accessories	0516 0012	

Probes

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	Part no.
Air probes				
Efficient, robust NTC air probe		-50 to +125 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (remaining range)	0613 1712
Surface probes				
Clamp probe for measurement on pipes for diameter 6 to 35 mm, NTC, Fixed cable 1.5 m		-40 to +125 °C	±1 °C (-20 to +85 °C)	0613 5505
Clamp probe for temperature measurements on pipes from 6 mm to 35 mm diameter, NTC, Fixed cable 5.0 m		-40 to +125 °C	±1 °C (-20 to +85 °C)	0613 5506
Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75 °C, NTC, Fixed cable 1.5 m		-50 to +70 °C	±0.2 °C (-25 to +70 °C) ±0.4 °C (-50 to -25.1 °C)	0613 4611
Pipe clamp probe (NTC) for pipe diameters 5 to 65 mm, Fixed cable 2.8 m		-50 ... +120 °C	±0.2 °C (-25 ... +80 °C)	0613 5605
Waterproof NTC surface probe for flat surfaces, Fixed cable 1.2 m		-50 to +150 °C Long-term meas. range +125 °C, short-term +150 °C (2 minutes)	±0.5% of m.v. (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	0613 1912

The suspension hook guarantees secure attachment of the digital manifold during measurement.

Clamp probe for pipes from Ø 6 mm to Ø 35 mm, NTC

Bluetooth®

App integration via Bluetooth for display of measurement data on mobile devices, and finalization of measurement report on site.

We measure it.

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