We measure it. testo

Digital manifold

testo 557 – the Bluetooth manifold for commissioning, service and maintenance

- App integration via Bluetooth for fast and convenient monitoring and reporting on site
- Refrigerant update in the instrument via App
- 4-way valve block for fast and efficient work
- External vacuum probe supports evacuation of the system with highly precise measurement
- 250 hours' battery life

bar | micron | psi | kPa | °C/°F | MPa | hPa | inch Hg

The new testo 557 opens up new possibilities for efficient analysis and documentation – with the Bluetooth App integration. The wireless connection allows users to read off the measurement data on a Smartphone or tablet, and 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 external probe for highly precise vacuum measurements is also new. The new digital manifold testo 557 is suitable for all measurements on a refrigeration system or heat pump. The manifold has a robust 4-way valve block with additional connection possibilities, for example for a vacuum pump or a refrigerant bottle. This provides a considerable handling advantage, and enables fast, safe and efficient work in commissioning, service and maintenance.

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Technical data / Accessories

testo 557 set

testo 557 set, digital manifold with Bluetooth for commissioning, service and maintenance; incl. 2 x clamp probes, external vacuum probe, batteries, case and calibration certificate

Part no. 0563 1557

General technical data

Operating temperature	-10 to +50 °C
Storage temperature	-20 to +60 °C
Battery life	250 h (without illumination, without Bluetooth®, without vacuum probe)
Dimensions	220 x 125 x 70 mm
Weight	1200 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

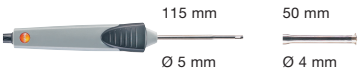
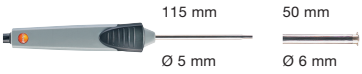
	Pressure	Temperature	Vacuum
Measuring range	-1 to 60 bar	-50 to +150 °C	-1 bar to 0 bar
Accuracy (at 22 °C)	±0.5 % fs	±0.5 °C	–
Resolution	0.01 bar	0.1 °C	10 micron
Probe connections	3 x 7/16" – UNF + 1 x 5/8'' – UNF	2 x plug-in (NTC)	1 x plug-in (external vacuum probe)
Overload	65 bar	–	–

Accessories

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

* also suitable for testo 557

Probes

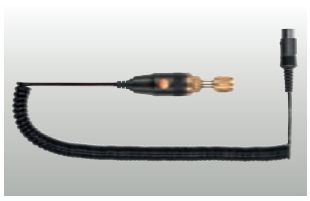
Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	Part no.
Air probes				
Efficient, robust NTC air probe		-50 to +125 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (remaining range)	0613 1712
Surface probes				
Clamp probe for measurement on pipes for diameter 6 to 35 mm, NTC, Fixed cable 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.



Highly precise vacuum measurements with the external probe

We measure it.

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