Data sheet
testo 549

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Digital manifold

testo 549 – the manifold for refrigeration systems and heat pumps.

- 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
- 60 common refrigerants stored in the instrument
- Display illumination for better legibility in dark surroundings
- 250 hours‘ battery life
- Can be used for applications with A2L refrigerant, taking into account the relevant legislation, norms and guidelines for refrigeration systems

The new testo 549 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 more robust housing, with a metal frame around the display, protects the new testo 549 even more reliably from impact. The suspension hook guarantees secure attachment of the digital manifold during measurement. The testo 549 is 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.

Technical data / Accessories

testo 549

testo 549, digital manifold for refrigeration systems and heat pumps; incl. batteries and calibration certificate

Part no. 0560 0550

General technical data

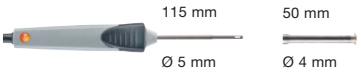
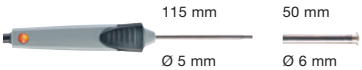
Operating temperature	-20 to +50 °C
Storage temperature	-20 to +60 °C
Battery life	250 h (without illumination, without Bluetooth®)
Dimensions	200 x 109 x 63 mm
Weight	1060 g
Protection class	IP42
Refrigerants in the instrument	60 profiles: R11, R12, R123, R1234yf, R1234ze, R125, R13B1, R134a, R14, R142B, 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 by Testo Service

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 for measuring instrument	Part no.	
Transport case for testo 550 and accessories (also suitable for testo 549)	0516 0012	
Spare valve set; exchange of 2 valve mechanisms with 4 valve knob covers (red, blue, 2 x black), compatible with testo 549, testo 550, testo 557 and testo 570.	0554 5570	

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

Large, backlit display

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