

Digital manifold

testo 557 – with external vacuum and Bluetooth



Measures high side / low side pressures and temperatures

Simultaneous, real-time super heat and sub-cooling

External vacuum probe for faster and more reliable evacuation of the system

App integration via Bluetooth for fast and convenient remote monitoring and reporting via email

Refrigerant updates to the instrument via App

60 on board refrigerant profiles

4-way valve block with 1/4 in. and 3/8 in. ports

5 year warranty with registration



The new testo 557 opens up new possibilities for efficient analysis and documentation – with Bluetooth / App integration. The wireless connection allows users to read data on a Smartphone or Tablet, quickly and conveniently. Using the App, you can e-mail measurement reports directly from the customer job site. The App also allows you to update the stored refrigerants.

The 557 now has a external vacuum probe for faster and more reliable evacuations and is suitable for all refrigeration systems or heat pumps. This compact manifold has a 4-way valve block, large backlit display and sight glass. Two NTC thermistor clamp probes provide superior accuracy of simultaneous, real-time superheat and sub-cooling readings.

Technical Data



Operating temperature	-4° to 122° F (-20 to +50 °C)
Storage temperature	-4° to 140° F (-20 to +60 °C)
Battery life (4 x AA Alkaline)	250 h (less with use of Bluetooth, backlight and vacuum)
Dimensions	8.7"x4.0"x2.75" (220 x 101 x 70 mm)
Weight	2.8 lb (1270 g)
Protection class	IP42 (splash proof)
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 ₂ O), update via App
Warranty	2 years; 5 years with registration

Specifications

	Pressure	Temperature	Vacuum
Measuring range	-14.7 to 870 psi (-1 to 60 bar)	-58 to 302 °F (-50 to +150 °C)	0 to 20,000 Micron
Accuracy (at 70 °F)	±0.5 % fs	±0.9 °F (±0.5 °C)	±10% of rdg +10 microns (100 to 1000 microns)
Resolution	0.1 psi (0.01 bar)	0.1 °F (0.1 °C)	1 micron (from 0 to 1000 micron)
Connections	1/4", 3/8"	2 x plug-in (NTC probes)	External vacuum probe (DIN connection)
Overload	940 psi (65 bar)	-	-

Probes / Accessories

		Range	Accuracy	Part No.	
Clamp probe for pipes to 1.38" diameter (35 mm), NTC, Fixed cable 4.9 ft. (1.5 m)		-40 to 257 °F (-40 to 125 °C)	±1.8 °F (-4 to 185 °F) ±1 °C (-20 to +85 °C)	0613 5505	
Clamp probe for pipes to 1.38" diameter (35 mm), NTC, Fixed cable 16.0 ft. (5.0 m)		-40 to 257 °F (-40 to 125 °C)	±1.8 °F (-4 to 185 °F) ±1 °C (-20 to +85 °C)	0613 5506	
Pipe wrap probe with Velcro for pipe diameter to max. 3" (75 mm), NTC, Fixed cable 4.9 ft. (1.5 m)		1.18" (30 mm) 11.80" (300 mm)	-58 to 158 °F (-50 to +70 °C)	±0.4 °F (77 to 158 °F) ±0.2 °C (-25 to +70 °C) ±0.8 °F (-58 to -13 °F) ±0.4 °C (-50 to -25.1 °C)	0613 4611
Pipe clamp probe (NTC) for pipe diameters 0.2" to 2.5" (5 to 65 mm), Fixed cable 9 ft. (2.7 m)		-58 to 248 °F (-50 ... +120 °C)	±0.4 °F (77 to 176 °F) ±0.2 °C (-25 ... +80 °C)	0613 5605	
External vacuum probe (DIN connection)		0 to 20,000 microns	±10% of rdg +10 microns (100 to 1,000 microns)	0638 1557	
Transport case for testo 549/550/557 and accessories				0516 0012	
Two-valve field replacement kit				400554 5500	

Subject to change without notice.

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