

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



- psi/ bar
- Super heat
- Sub-cooling
- °F/°C
- micron
- Leak Test

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)		-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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