

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

3 year warranty with registration



The testo 557 Digital Manifold opens up new possibilities for efficient analysis and documentation thanks to the integration of Bluetooth connectivity with the testo Refrigeration App. You can clearly read measurement data, such as automatic calculations of superheat, sub-cool and vacuum readings, on a Smartphone or Tablet, allowing you to work more quickly and conveniently than ever before. In addition, measurement reports can be created and sent directly from the job site.

The 557 features an 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. With an optional 4 hose kit, the testo 557 is the complete solution for any air conditioning job you can throw at it.



Technical Data

testo 557

testo 557 kit, digital manifold with Bluetooth, 2 x clamp probes, external vacuum probe, batteries, case and certificate of conformity

Part no. 0563 1557

testo 557 with hoses

testo 557 kit, digital manifold with Bluetooth, set of (4) 60 inch refrigeration hoses, 2 x clamp probes, external vacuum probe, batteries, case and certificate of conformity

Part no. 0563 2557

| | |
|--------------------------------|--|
| 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" x 4.0" x 2.75" (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; 3 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) -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 | | | 0554 5570 |

Subject to change without notice.

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