

Testo 557 Digital Manifold with Vacuum Gauge

The testo 557 four valve manifold with a built in vacuum gauge is the next high performance, low cost Digital Manifold from Testo. The built in vacuum gauge allows the technician to know when they have reached the limits when evacuating a system.

Building upon the easy to use platform designed by Testo, the 557 has 2 NTC temperature probe inputs and can simultaneously calculate superheat and subcooling in real time. The 557 is ideal for servicing, maintaining and commissioning all types of air conditioning systems. The 557 will also perform leak tests on AC/R systems with temperature compensation, insuring accurate results.

The testo 557 retains the robust housing that protects the analyzer from the everyday bumps and drops. It comes complete with 2 clamp probes, integrated hook, built in hose holders and a hard carrying case.



Features

- Built in Vacuum Gauge
- Robust valve block with 4 connections and built in sight glass
- 2 temperature probe inputs for simultaneous real-time calculation of superheat and subcooling
- Readings are displayed within seconds
- Compact design for ease of use, transport and setup
- Large, easy to read back-lit display
- Rugged housing that protects the analyzer
- 40 refrigerant profiles stored, eliminating the use of PT charts

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Technical Data

Pressure	psi / kPa / MPa / bar
Temperature	°F / °C / K
Vacuum	hPa / mbar / Torr / in H ₂ O / Micron / in Hg / Pa
SENSORS:	
Pressure	2 x pressure sensors
Temperature	2 x NTC
Interfaces	3 x 7/16" UNF, 1x 5/8" UNF, NTC measurement
MEASURING RANGES:	
Pressure HP/LP (rel)	-14.7 to 725 psi / -100 to 5000 kPa -0.1 to 5 Mpa / -1 to 50 bar
Temperature	-58 to 302 °F
Vacuum (rel)	-1 to 0 bar
Overload pressure	52 bar, 5200 kPa, 5.2 Mpa, 754 psi
RESOLUTION:	
Pressure	0.01 bar / 0.1 psi / 1 kPa / 0.001 Mpa
Temperature	0.1 °F ; 0.1 °C
Vacuum	1hPa / 0.5 Torr / 0.5 inH2O / 100 Pa / 500 Micron / 1mbar / 0.02 inHg
ACCURACY (AT 72° F):	
Pressure	± 0.5 %fs (+/- 1 digit)
Temperature	± 1.0 °F (+/- 1 digit)
Vacuum	± 1% fs (+/- 1 digit)
No. of refrigerants	40
Selectable refrigerants	no refrigerant, R12, R22, R123, R134a, R227, R290, R401A, R401B, R402A, R402B, R404A, R406A, R407A, R407C, R408A, R409A, R410A, R411A, R413A, R414B, R416A, R417A, R420A, R421A, R421B, R422A, R422B, 422D, R424A, R427A, R434A, R437A, R438A, R502, R503, R507, R600, R600a, R718, R744 (only up to 50bar / 725psi), R1234yf (display: T8)

Measurable media	Measurable media: All media that are stored in the testo 557. Not measurable: Ammonia (R717) and other refrigerants which contain ammonia.
AMBIENT CONDITIONS:	
Operating temperature	14° to 122°F
Storage temperature	-4° to 140°F
Humidity application range	10 to 90% RH
HOUSING:	
Material	ABS / PA / TPE
Dimensions	11in. x 5.25in. x 3in.
Weight	approx. 3 lb (without batteries)
IP-class	42 (hanging)
POWER SUPPLY:	
Current source	Rechargeable batteries / batteries 4x 1.5 V, type AA / mignon / LR6
Battery life	approx. 150 h (no display illumination)
DISPLAY:	
Type	Illuminated display
Response time	0.5 s
Directives, standards and tests:	EC Directive: 2004 / 108 / EC
WARRANTY DURATION: 2 years	

Ordering Information

0563 5572

Includes digital manifold, 2 clamp probes, batteries, calibration certificate and hard case.

Distributor: