

We measure it.

testo

testo 550 Digital Manifold

Today's high-efficiency AC/R systems need accurate charging to ensure optimal performance. The Testo 550 delivers the accuracy and reliability needed to calculate superheat and subcooling, fast and easy.

With 40 refrigerant profiles and added functionality of system pressure tests, Testo manifolds are versatile to be the tool of choice for every job



Features

- Real-time calculation of superheat & subcooling for 40 refrigerants
- 2-way aluminum valve block with 3 x 1/4" SAE connections
- 2 NTC temperature probe inputs
- Built-in magnifying sight glass
- Large, easy-to-read back-lit display
- Rugged hook and housing for easy handling
- Performs system-integrity leak tests

Testo 550 Digital Manifold

Technical Data

Units of measurement:	Pressure: psi / kPa / MPa / bar Temperature: °F / °C
Sensors:	Pressure: 2 (high side / low side sensors) Temperature: 2 NTC thermistor inputs
Measurement cycle time:	0.75 seconds
Measurement channels:	4
Inputs:	Three 1/4" SAE pressure fittings 2 NTC thermistor probe ports
Measurement ranges:	Pressure: -14.7 to 725 psig (-1 to 50 bar) Temperature: -60 to 300 °F (-50 to 150 °C)
Max Pressure:	870 psi (60 bar)
Humidity application range:	10 to 90% RH
Resolution:	Pressure: 0.1 psi / 0.01 bar Temperature: 0.1 °F / °C
Accuracy:	Pressure: ± 0.75% of reading (± 1 digit) Temperature: ± 0.5 °F
Ambient Conditions:	Operating temperature: 14 to 122 °F (-10 to 50 °C) Storage temperature: -4 to 140 °F (-20 to 60 °C)
Selectable refrigerants:	No refrigerant, R12, R22, R123, R134a, R290, R401A, R401B, R402A, R402B, R404A, R406A, R407A, R407C, R408A, R409A, R410A, R411A, R413A, R414B, R416A, R417A, R420A, R421A, R421B, R422A, R422B, R422D, R424A, R427a, R434A, R437A, R438A, R502, R503, R507, R600, R600a, R718 (H2O), R744 (only up to 50bar/ 725psi)

Specifications

Housing Material:	ABS/PA/TPU
Dimensions:	5.9" x 3.94 "
Display Size:	2.75" x 1.75"
Weight	approx. 3.1 lbs
Power Supply:	4 AA (1.5V) batteries Battery life: 150 hours (without back-light on)
Display:	Type: Illuminated LCD Updating of readings: 1 seconds Response time: 0.5 seconds
Directives, standards and tests:	EC Directive: 2004 / 108 / EC
WARRANTY DURATION: 2 years (3 yrs w/ product registration)	

Ordering Information

	PART NUMBER
testo 550 Digital Manifold Kit: Includes: testo 550 digital manifold, clamp probe, batteries, and certificate.	0563 5505
testo 550 Digital Manifold Delux Kit: Includes: testo 550 digital manifold, (2) clamp probes, batteries, certificate and hard carrying case.	0563 5506
ACCESSORIES:	
Clamp Probe (NTC)	0613 5505
Pipe Wrap Probe (NTC)	0613 4611
Air Probe (NTC)	0613 1712
Surface Probe (NTC), waterproof	0613 1912
Hard carry case for 550, probes, hoses.	0516 5505