

# testo 550

## Digital Manifold

### MEASURES

Temperature

Pressure

Superheat

Subcooling



The **testo 550** is a high-performance Digital Manifold that accurately performs temperature and pressure measurements in seconds. **It automatically calculates superheat and subcooling for 34 different refrigerants quickly, and easily.** The 550 is simple enough to use right out of the box and rugged enough for daily use by today's demanding HVAC technicians.

Use it to service, maintain and commission all types of air conditioning, refrigeration and heat pump systems including the newest 16 SEER systems. Perform timed pressure drop tests as well as standing pressure tests required for properly commissioning AC/R systems. The testo 550 comes standard with a clamp probe, integrated hanger-hook and built in hose holders, all packed in a rugged protective housing.



## Performance, Value and Speed... COOL

### Features

- 2 way aluminum valve block with 3 x 1/4" SAE connections
- Built in magnifying sight glass
- 2 NTC temperature probe inputs (1 probe std)
- Real-time calculation of superheat and subcooling
- 34 refrigerant profiles built in for automatic PT calculations
- Fast response time
- Compact design for ease-of-use transport and setup
- Large easy-to-read back-lit display
- Hardened housing that protects the analyzer
- Vacuum indication
- Temperature and barometric pressure compensated

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### Technical Data

<b>Number of refrigerant profiles:</b>	34
<b>Pressure measurement range:</b>	-14.7 to 580 psi
<b>Vacuum indication:</b>	0 inHg to 29.92 inHg
<b>Units of measure:</b>	°F, °C, psi, inHg, bar, kPa, MPa
<b>Resolution pressure:</b>	0.1 psi
<b>Accuracy pressure sensor:</b>	± 0.75 % fs (+1 Digit)
<b>Pressure media:</b>	HCFC, HFC, N, H <sub>2</sub> O
<b>Temperature:</b>	2x NTC ports
<b>Measuring range temperature:</b>	-58...248 °F
<b>Temperature resolution:</b>	0.1 °F
<b>Temperature accuracy:</b>	± 1.8 °F (+1 Digit)
<b>Valve block configuration:</b>	2-way valve block with 3 hose connections
<b>Display illumination:</b>	Yes
<b>Power supply:</b>	4xAAA
<b>Battery life:</b>	150 hrs. (without illumination)
<b>Ambient operating temperature:</b>	14 to 122 °F
<b>Measurement cycle time:</b>	0.5 seconds
<b>Maximum working pressure:</b>	870 psi

### Specifications

<b>Connections:</b>	2 x Pressure 2 x (NTC) ports 3 x 1/4" SAE
<b>Dimensions:</b>	5.9" x 3.94"
<b>Display size:</b>	2.75" x 1.75"
<b>Weight:</b>	approx. 3.1 lbs (without batteries)
<b>Warranty:</b>	2 Years

### Ordering Information

<b>testo 550 Digital Manifold Kit:</b> Includes: testo 550, clamp probe, batteries and certificate	Part # 0563 5505
<b>testo 550 Digital Manifold Deluxe Kit:</b> Includes: testo 550, (2) clamp probes, batteries, certificate, and hard carry case	Part # 0563 5506
<b>Accessories</b>	
<b>Clamp probe (NTC)</b>	Part # 0613 5505
<b>Pipe wrap probe (NTC)</b>	Part # 0613 4611
<b>Air Probe (NTC)</b>	Part # 0613 1712
<b>Surface probe (NTC), waterproof</b>	Part # 0613 1912
<b>Hard carry case for 550, probes, hoses</b>	Part # 0516 5505

Distributor:

Deluxe Kit pictured

