

# Digital manifold kit

testo 550 – Bluetooth and app supported




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Measures high side / low side pressures and temperatures

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Accurate, simultaneous super heat/subcooling in real time

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App integration via Bluetooth for monitoring and reporting

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60 refrigerant profiles onboard

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Refrigerant updates in the instrument via App

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2-way valve block with three connections, large, 2-line backlit display

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3 year warranty with registration

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The testo 550 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 and sub-cool on a Smartphone or Tablet, allowing you to work quickly and conveniently. In addition to this, measurement reports can be created and sent directly from the job site.

The more rugged housing of the testo 550 includes a metal frame around the display which protects the screen from impact. Now with 60 refrigerant profiles standard and the ability to update the refrigerant list directly from the app, you can be confident that your digital manifold will always be up to date. With the added functionality of leak tests and an optional kit which comes complete with hoses, the Testo 550 digital manifold is versatile enough to be the tool for every job.



## Technical data / Accessories

**testo 550**

testo 550 digital manifold with Bluetooth;  
incl. 2 x clamp probes, batteries, case and  
calibration certificate



Part no. 0563 1550

**testo 550 with hoses**

testo 550 digital manifold with Bluetooth; incl.  
2 x clamp probes, set of (3) 60 inch  
refrigeration hoses, batteries, case and  
calibration certificate



Part no. 0563 2550

## Technical Data

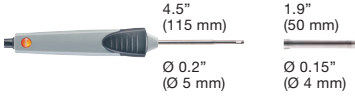





Operating temperature	-4° to 122 °F (-20 to +50 °C)
Storage temperature	-4° to 140 °F (-20 to +60 °C)
Battery life (4 x AA)	250 h (less with use of Bluetooth, backlight or vacuum)
Dimensions	8.7 x 4.0 x 2.75 in. (220 x 125 x 70 mm)
Weight	2.6 lb (1200 g)
Protection class	IP42 (splash proof)
Refrigerants 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 <sub>2</sub> ), R718 (H <sub>2</sub> O), update via App
Warranty	2 years; 3 years with registration



## Specifications



	Pressure	Temperature	Vacuum (indication)
Measuring range	-14.7 to 870 psi (-1 to 60 bar)	-58 to 302 °F (-50 to +150 °C)	-14.7 to 0 psi (-1 bar to 0 bar)
Accuracy (at 70 °F)	±0.5 % fs	±.9 °F (±0.5 °C)	-
Resolution	0.1 psi (0.01 bar)	0.1 °F (0.1 °C)	-
Connections	1/4"	2 x plug-in (NTC probes)	-
Overload	940 psi (65 bar)	-	-

# Probes

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	Part no.
<b>Air probes</b>				
Efficient, robust NTC air probe	 4.5" (115 mm) 1.9" (50 mm) Ø 0.2" (Ø 5 mm) Ø 0.15" (Ø 4 mm)	(-50 to +125 °C)	±0.4° F (-13 to 176 °F) ±0.2 °C (-25 to +80 °C)  ±0.7 °F (remaining range) ±0.4 °C (remaining range)	0613 1712
<b>Surface probes</b>				
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 14.0 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" (1.5 m)	 11.8" (300 mm) 1.18" (30 mm)	-58 to 158 °F (-50 to +70 °C)	±0.4° F (-13 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 5.6' (1.2 m)		-58 to 248 °F (-50 ... +120 °C)	±0.4° F (77 to 176 °F) ±0.2 °C (-25 ... +80 °C)	0613 5605
Waterproof NTC surface probe for flat surfaces, Fixed cable 1.2 m	 4.5" (115 mm) 1.9" (50 mm) Ø 0.2" (Ø 5 mm) Ø 0.24" (Ø 6 mm)	-50 to +150 °C Long-term meas. range +125 °C, short- term +150 °C (2 minutes)	±0.5% of m.v. (+100 to +150 C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	0613 1912

# Accessories

Part No.

Transport case for testo 549/550 and accessories		0516 0012
Two-valve field replacement kit		0554 5570



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Subject to change without notice.

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