

We measure it.



## Digital manifold kit

testo 550 – Bluetooth and app supported



---

Measures high side / low side pressures and temperatures

---

Accurate, simultaneous super heat/subcooling in real time

---

App integration via Bluetooth for monitoring and reporting

---

60 refrigerant profiles onboard

---

Refrigerant updates in the instrument via App

---

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

---

5 year warranty with registration

---



The App integration via Bluetooth opens up new possibilities for efficient analysis and documentation. You can read the data on a Smartphone or Tablet, allowing for more work quickly and conveniently. In addition to this, the user can finalize and send the measurement report directly on site. The App allows the list of stored refrigerants to be updated, via the internet.

The more rugged housing includes a metal frame around the display which protects the new testo 550 from impact. Now with 60 refrigerant profiles and added functionality of leak tests, Testo manifolds are 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



### Technical data

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature             | -4° to 122 °F (-20 to +50 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage temperature               | -4° to 140 °F (-20 to +60 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Battery life<br>(4 x AA)          | 250 h (less with use of Bluetooth, backlight<br>or vacuum)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions                        | 8.7"x4.0"x2.75" (220 x 125 x 70 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight                            | 2.6 lb (1200 g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protection class                  | IP42 (splash proof)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Refrigerants in the<br>instrument | 60 profiles: R11, R12, R123, R1234yf, R1234ze, R125,<br>R13B1, R134a, R14, R142B, R152a, R161, R22, R227,<br>R23, R290, R32, R401A, R401B, R401C, R402A,<br>R402B, R404A, R406A, R407A, R407B, R407C, R407D,<br>R407F, R408A, R409A, R410A, R411A, R412A, R413A,<br>R414B, R416A, R417A, R420A, R421A, R421B, R422A,<br>R422B, R422C, R422D, R424A, R426A, R427A, R434A,<br>R437A, R438A, R502, R503, R507, R508A, R508B,<br>R600, R600a,<br>R744 (CO <sub>2</sub> ), R718 (H <sub>2</sub> O), update via App |
| Warranty                          | 2 years; 5 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)                | -                              | -                                |

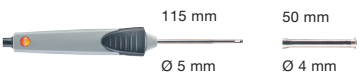
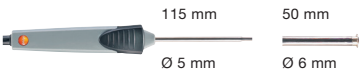
## Probes / Accessories

|                                                                                                 |  | 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)<br>±1 °C (-20 to +85 °C)                                                           | 0613 5505   |
| Clamp probe for pipes to 1.38" diameter (35 mm), NTC, Fixed cable 14.0' (5.0 m)                 |  | -40 to 257 °F (-40 to 125 °C)   | ±1.8 °F (-4 to 185 °F)<br>±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) |  | -58 to 158 °F (-50 to +70 °C)   | ±0.4 °F (77 to 158 °F)<br>±0.2 °C (-25 to +70 °C)<br>±0.8 °F (-58 to -13 °F)<br>±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)<br>±0.2 °C (-25 ... +80 °C)                                                        | 0613 5605   |
| Transport case for testo 549/550 and accessories                                                |  |                                 |                                                                                                           | 0516 0012   |
| Two-valve field replacement kit                                                                 |  |                                 |                                                                                                           | 400554 5500 |

Subject to change without notice.

i.o

# Probes

| Probe type                                                                                            | Dimensions<br>Probe shaft/probe shaft tip                                           | Measuring<br>range                                                              | Accuracy                                                                                  | Part no.  |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------|
| <b>Air probes</b>                                                                                     |                                                                                     |                                                                                 |                                                                                           |           |
| Efficient, robust NTC air probe                                                                       |    | -50 to +125 °C                                                                  | ±0.2 °C (-25 to +80 °C)<br>±0.4 °C (remaining range)                                      | 0613 1712 |
| <b>Surface probes</b>                                                                                 |                                                                                     |                                                                                 |                                                                                           |           |
| Clamp probe for measurement on pipes for diameter 6 to 35 mm, NTC, Fixed cable 1.5 m                  |    | -40 to +125 °C                                                                  | ±1 °C (-20 to +85 °C)                                                                     | 0613 5505 |
| Clamp probe for temperature measurements on pipes from 6 mm to 35 mm diameter, NTC, Fixed cable 5.0 m |                                                                                     | -40 to +125 °C                                                                  | ±1 °C (-20 to +85 °C)                                                                     | 0613 5506 |
| Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75 °C, NTC, Fixed cable 1.5 m     |    | -50 to +70 °C                                                                   | ±0.2 °C (-25 to +70 °C)<br>±0.4 °C (-50 to -25.1 °C)                                      | 0613 4611 |
| Pipe clamp probe (NTC) for pipe diameters 5 to 65 mm, Fixed cable 1.2 m                               |   | -50 ... +120 °C                                                                 | ±0.2 °C (-25 ... +80 °C)                                                                  | 0613 5605 |
| Waterproof NTC surface probe for flat surfaces, Fixed cable 1.2 m                                     |  | -50 to +150 °C<br>Long-term meas. range +125 °C, short-term +150 °C (2 minutes) | ±0.5% of m.v. (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 0613 1912 |



The suspension hook guarantees secure attachment of the digital manifold during measurement.



Clamp probe for pipes from Ø 6 mm to Ø 35 mm, NTC



App integration via Bluetooth for display of measurement data on mobile devices, and finalization of measurement report on site.

