

# testo 552 Digital Vacuum/Micron Gauge with Bluetooth®



micron

°F / °C

Precise and reliable vacuum measurements, 1 micron resolution

Displays the saturation temperature of H<sub>2</sub>O to ensure full and proper evacuation

Illuminated, backlit display with visual alarm for evacuation pressure

Wireless Bluetooth communication to smart phone or tablet provides powerful analysis and reporting

Display data, create reports, and send via email or SMS



The testo 552 digital micron gauge is ideal for monitoring the evacuation of air conditioning, refrigeration, and heat pump systems. It is rich in features that make your work faster, easier, and more accurate.

Precise deep vacuum measurements, measuring down to single digit resolutions use optimized Pirani sensors. The testo 552 has real time calculations for the saturation temperature of water, which determines the proper micron/temperature levels at which moisture is removed from the system. These internal calculations

inform you when/if the pressure is low enough to meet your evacuation target. This saves time and provides you with the assurance that the system is now free from moisture and contaminants. User defined alarm points alert you when target values are reached.

The new testo 552 with Bluetooth links to your smart phone or device. The testo 552 uses the free testo SMART Probes App which is a powerful and easy-to-use tool. It allows you to remotely read measurements of 1 to 6 Smart Probes including the testo 552. You can easily document / report the results.

# Technical data/accessories

**testo 552**

testo 552, digital vacuum micron gauge with Bluetooth

Order no. 0560 5522



**Testo Smart Probes App**

The Testo **Smart Probes App** combines the power of your smart phone/tablet with the accurate measurements of your testo 552. The operation and display of the instruments are communicated via Bluetooth to the App on your smart phone or tablet. The **Smart Probes App** uses the measurements to create custom reports (including added photos and comments). Information and reports can be saved as files and/or sent by e-mail. For Apple iOS and Android.



Accessories	Order no.
Connection cable (with MiniDin plug) for connecting testo 552 to the digital manifold testo 570	0554 5520

Sensor type	Absolute pressure sensor
Vacuum measuring range	0 to 20,000 microns (0 to +26.66 mbar)
Accuracy vacuum ±1 digit (at +72 °F)	±10 microns + 10 % of m.v. (100 to 1,000 microns)
Resolution	1 micron (0 to 1,000 microns) 10 microns (1,000 to 2,000 microns) 100 microns (2,000 to 5,000 microns) 500 microns (5,000 to 10,000 microns) 5,000 microns (10,000 to 20,000 microns)
Overload vacuum	Absolute: 87 psi (6 bar) Relative: 72 psi (5 bar)

**General technical data**

Storage temperature	-4 to 122 °F (-20 to +50 °C)
Operating temperature	14 to 122 °F (-10 to +50 °C)
Dimensions	9.8 x 6.5 x 2.2 in. (250 x 165 x 55 mm)
Weight	Approx. 1.1 lb. (500 g)
Protection class	IP 42
Battery type	2 AA batteries
Battery life	50 hrs (without Bluetooth/backlighting)
Connection	2 x 1/4" SAE (7/16" UNF) 1 x mini - DIN (connection to testo 570)
Measurement value sensor	Pirani sensor
Parameters	mmHg, Torr, mbar, hPa, micron, inH <sub>2</sub> O, inHg, Pa
Measurement rate	0.5 s
Warranty	2 years
Compatibility App connection	requires iOS 8.3 or newer / Android 4.3 or newer requires mobile device with Bluetooth 4.0

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Subject to change, including technical modifications, without notice.

