

Digital Vacuum Gauge with Bluetooth®

testo 552 – For evacuating
refrigeration/air conditioning
systems and heat pumps

Highly accurate and reliable measurement results

Measurement data monitoring via testo Smart Probes App

Measurement data dispatch via testo Smart Probes App

Measurement of the evaporation temperature of H₂O

Optical alarm when a limit value is exceeded

Extremely robust and water/dirt resistant (IP 42)



Bluetooth
+ App

testo Smart Probes App
for free download



testo 552 is a digital vacuum gauge for the evacuation of refrigeration systems and heat pumps. It measures even the smallest absolute pressures, and delivers highly accurate information about a system's status of dehumidification (removal of foreign matter, incl. oils, foreign gases, etc.).

Via a Bluetooth interface, the testo 552 connects with the testo Smart Probes App on your smartphone or tablet. This allows you to monitor the absolute pressure reached during the evacuation conveniently and wirelessly. In addition to this, the measurement results can be quickly documented in the App and sent by e-mail. Its robust construction makes it ideal for everyday use, protected against dirt and water.

Technical data/accessories

testo 552

testo 552, digital vacuum gauge with Bluetooth connection for wireless monitoring of measurement results

Order no. 0560 5522



testo Smart Probes App

The App turns your smartphone/tablet into the display of the testo 552. The operation of the measuring instrument as well as the display of the measurement values take place by Bluetooth via the Smart Probes App on your smartphone or tablet – independently of the measurement location. In addition to this, you can use the App to create measurement reports, add photos and comments, and send them by e-mail. For 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

Pirani sensor

Vacuum measuring range	0 to +26.66 mbar / 0 to 20 000 microns
Accuracy vacuum ±1 digit (at +22 °C)	±10 microns + 10 % of m.v. (100 to 1 000 microns)
Vacuum 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: 6 bar / 87 psi relative: 5 bar / 72 psi

General technical data

Storage temperature	-20 to +50 °C
Operating temperature	-10 to +50 °C
Dimensions	160 x 110 x 50 mm
Weight	Approx. 500 g
Protection class	IP42
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 ₂ O, inHg, Pa
Measurement rate	0.5 s
Compatibility App connection	requires iOS 8.3 or newer / Android 4.3 or newer requires mobile end device with Bluetooth 4.0