



552i - Testo type Wireless Vacuum Gauge

Brand

Testo

Product

552i –App-controlled wireless vacuum probe

Wireless vacuum measurements via just one service port: The testo 552i app-controlled vacuum probe with Bluetooth enhances the Testo Smart Probes portfolio. It delivers reliable measurement results, is robust and easy to use – the vacuum probe provides optimum support for proper evacuation of refrigeration and air conditioning systems and heat pumps.

- Identify vacuum quickly and easily by means of the graphical display in the App or on the digital manifold screen
- Connects automatically via Bluetooth® to the testo Smart App and digital manifolds
- Exceptionally compact and reliable thanks to the robust, easy-to-handle housing with IP 54 protection class
- Easy installation at any service port thanks to the integrated 45° angle

The testo 552i wireless vacuum probe allows simple measurement of system evacuation via a single service port. The testo 552i automatically connects to the testo 550s and 557s digital manifolds and can also be used in conjunction with the 550i via the smart app.

- For wireless, hose-free vacuum measurements on refrigeration and air conditioning systems and heat pumps using just only one service port – with no loss of refrigerant
- testo Smart App – get an overview of everything: Detect vacuum quickly and easily via a graphic illustration in the app, with an alert in the event of any critical values, e.g. through vibration of the smartphone
- Automatic connection via Bluetooth: The probe connects to the testo Smart App or to the appropriate digital manifold from Testo, e.g. testo 557s, testo 550s – so you can also read measured values conveniently on your manifold's large display
- Convenient, robust housing with protection class IP 54

- Built-in 45° angle for easy installation at any service port
- Continuously high performance in all conditions: You can depend on this wireless vacuum probe from Testo – it combines proven Testo quality with excellent robustness

Specifications:

- Minimum Device Requirement: BLE 4.0 devices running iOS® 7.0 or Android™ 5.0 (Latest compatibility at www.fieldpiece.com)
- Connector type: 1/4" SAE male fitting
- Accuracy: $\pm(5\%$ of reading + 5 microns) at 77°F (25°C), 50 to 1000 microns
- Range and Units: 50 to 25000 microns of mercury (English), 6 to 3333 Pascals (Metric), 0.06 to 33.33 mBar (Metric), 50 to 25000 mTorr (Metric), 0.05 to 25 Torr (Metric, equivalent to mmHg)
- Best Resolution: 1 micron of mercury (below 2000 microns), 1 Pascal (below 250 Pascals), 0.001 mBar (below 2.5 mBar), 1 mTorr (below 2000 mTorr), 0.001 Torr (below 2.5 Torr, equivalent to mmHg)
- Battery Type: 2 x AA Alkaline, NEDA 15A, JIS UM3, IEC LR6
- Battery Life: 40 hours typical alkaline
- Auto Power Off: 15 minutes default (APO adjustable)
- Wireless Range: 1000 feet (305 meters) line of sight. Obstructions affect distance.
- Radio Frequency: 2.4 GHz
- Water Resistance: IP54
- Operating Environment: -10°C to 50°C at <75% RH
- Storage Temperature: -20°C to 60°C at <80% RH (with batteries removed)
- Weight: 0.66 lbs (300 g)
- US Patent: www.fieldpiece.com/patents

Includes:

App-controlled testo 552i wireless vacuum probe, including batteries and calibration protocol

Specifications	
Absolute Pressure	
Measuring range	0 to 26.66 mbar / 0 to 20000 micron
Accuracy	± 10 micron + 10 % of mv (100 to 1000 micron) $\pm(1$
Resolution	1 micron (0 to 1000 micron) / 10 micron (1000 to 2000 micron) / 100 micron (2000 to 5000 micron) /
Overload	absolute: 6.0 bar / 87 psi (relative: 5.0 bar / 72 psi)
General technical data	
Weight	142 g
Dimensions	150 x 32 x 31 mm (LxWxH)
Operating temperature	-10 to +50 °C
Protection class	IP54
System requirements	requires iOS 13.0 or newer; requires Android 8.0 or newer; requires mobile end device with Bluetooth 4.2
Product colour	black/orange
Auto-off	10 min*
Battery type	3 AAA micro batteries
Battery life	39 h
Connection	7/16" UNF
Interface	Bluetooth® 4.2
Storage temperature	-20 to +50 °C