



Digital vacuum measuring instrument

testo 552 - For the evacuation of refrigeration/air conditioning systems and heat pumps

Highly accurate and reliable measurement results

Maintenance-free absolute pressure sensor

2400 hours' battery life (100 days' continuous operation)

Measurement of evaporation temperature H_2O

Optical alarm when limit values are exceeded

Extremely robust and resistant to water and dirt (IP42)



The testo 552 is a digital vacuum measuring instrument for the evacuation of refrigeration systems and heat pumps. It measures even the smallest absolute pressures and provides highly precise information on the status of the dehumidification of a system (removal of foreign substances, incl. oils or foreign gases).

The testo 552 is the only digital vacuum measuring instrument whose absolute pressure sensor, in contrast to other sensor technologies, no longer needs to be serviced, and still provides highly accurate measurement results. Thanks to the battery life of up to 2400 hours with two conventional AA batteries, you can use the testo 552 in continuous operation for 100 days without changing the battery. Its robust construction makes it suitable for daily use, and protects from dirt and water.

Technical data

testo 552

Vacuum measuring instrument with maintenance-free sensor for efficient evacuation

Part no. 0560 5520



Sensor type

Absolute pressure sensor

| | |
|--|---|
| Measuring range vacuum | 1,100 to 0 mbar / 825,080 to 0 micron |
| Accuracy vacuum ±1 digit (at +22 °C, trust level 95%) | 0 to 1,33 hPa / 0 to 1,000 micron: up to ±10 micron 0 to 200 hPa / 0 to 150,000 micron: ±0.3% FS = ±0.6 hPa 200 to 1,100 hPa / 150,000 to 825,080 micron: ±0.3% FS = ±3.3 hPa |
| Resolution vacuum | 0.01 hPa / 10 micron |
| Overload vacuum | absolute: 6 bar / 87 psi (relative: 5 bar / 72 psi) |

General technical data

| | |
|-----------------------|--|
| Storage temperature | -20 to +50 °C |
| Operating temperature | -20 to +50 °C |
| Dimensions | 250 x 165 x 55 mm |
| Weight | Approx. 500 g |
| Protection class | IP42 |
| Battery type | 2 AA batteries |
| Battery life | 2.400 h (approx. 130 h with backlighting activated) |
| Connection | - 2 x 7/16" UNF - 1 x MiniDIN (connection to testo 570) |
| Sensor | Absolute pressure sensor |
| Parameter | mmHg, Torr, mbar, hPa, micron, inH ₂ O, inHg, Pa |
| Measuring rate | 0.5 s |
| Warranty | 2 years |

Accessories

| | Part no. |
|---|-----------|
| MiniDIN connection cable for connecting testo 552 with the digital manifold testo 570 | 0554 5520 |