

Initial operation and maintenance: Measuring, logging and tuning

testo 560

The electronic manifold for all applications on refrigeration systems and heat pumps. The instrument with high-quality sensors to measure pressure, vacuum and temperature. Incl. valve bank to temporarily change the flow paths in the unit.

Convenient PC software is used for data management: data overviews of all measurements, displays in table and graphic form, automatic acceptance of company, fitter, customer and system data.

- Vacuum measurement with accurate vacuum sensor
- Internal temperature sensor and external temperature probe socket
- Superheating, subcooling, temperature difference calculation
- Convenient data analysis on your notebook/PC
- Valve bank for evacuating, filling and changing the flow paths in a unit



Robust design, instrument protection due to SoftCase rubber sleeve



Service and maintenance incl. initial operation of a refrigeration unit

Refer to the testo 556 table for refrigerants stored in instrument

testo 560-1

Electronic manifold with SoftCase, brass valve bank, with battery

Part no. 0560 5601

testo 560-2

Electronic manifold with SoftCase, stainless steel valve bank (also for ammonia), with battery

Part no. 0560 5602

Recommended Set: For the refrigeration technician

Electronic manifold with SoftCase, brass valve bank, with battery	0560 5601
PC software for data analysis and documentation	0554 5600
Mains unit for external power supply	0628 1084
Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter from 6 mm to max. 75 mm, Tmax +120°C	0609 5600
RS232 cable	0628 0178
System case for measuring instrument and accessories	0516 5601
	Brass version
As above set, but with the following instead of testo 560-1: testo 560-2, Electronic manifold, stainless steel valve bank (also for ammonia (NH ₃) refrigerant)	Stainless steel version

Temperature probes	Illustration	Meas. range	Accuracy	t ₉₉	Part no.
Robust, waterproof immersion/penetration probe	110 mm Ø 4 mm 30 mm Ø 3.2 mm	-50 to +400 °C	Class A	12 s	0628 1272 Conn.: Fixed cable
Robust, waterproof surface probe with widened measuring tip, for smooth surfaces	110 mm Ø 4 mm Ø 9 mm	-50 to +400 °C	Class B	40 s	0628 1972 Conn.: Fixed cable
Robust, affordable air probe	110 mm Ø 4 mm	-50 to +400 °C	Class A	70 s	0628 1772 Conn.: Fixed cable
Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter from 6 mm to max. 75 mm, Tmax +120°C	280 mm 20 mm	-50 to +120 °C	Class B	90 s	0609 5600 Conn.: Fixed cable
Adapter to probe/RS 232 connection for acdoor instruments PCD 312					0554 5603

Accessories Ordering data	Part no.
Mains unit for external power supply, Mains unit is recommended for long-term measurements	0628 1084
Transport case (plastic), Basic case without pockets, space for instrument and accessories	0516 0008
System case for measuring instrument and accessories, Simply click on to tools system case 0516 0329	0516 5601
PC software for data analysis and documentation, With data management incl. diagram and table displays	0554 5600
RS232 cable, Cable to connect instrument to PC (1.8m) for data transfer	0628 0178
ISO calibration certificate/Pressure, Absolute pressure; 5 pt. distributed over the whole measurement range	0520 0115
ISO calibration certificate/Temperature, For air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001
ISO calibration certificate/Temperature, Meas. instruments with surface probe; calibration points selectable from -15 to +480°C	0520 0121
DKD calibration certificate/Pressure, Absolute pressure; 11 measuring points distributed over meas. range	0520 0212

Technical data	
Measurement range Pressure (abs)	0 to +50 bar (Pressure) 0 to +200 hPa (Vacuum)
Overload	±75 bar
Accuracy	±0.5% of fsv ±1 digit
Resolution	0.1 bar (Pressure) 0.1 hPa (Vacuum)
Meas. range Temperature	-50 to +400 °C
Oper. temp.	-20 to +60 °C
Battery life	40 h
Protection class	IP65
Pressure substances	CFC, fluorinated hydrocarbon, nitrogen, (ammonia, testo 560-2 only)
Compensation	-10 to +50 °C
Memory	Approx. 100,000 readings
Conn.	3 x 7/16" - UNF