

testo 556

Electronic refrigeration system analyser with data management

The refrigeration system analyser, with 4-way valve block and 2 pressure sensors included, calculates superheating and subcooling in a refrigeration system or heat pump using externally attachable probes. The flow paths of a system can be temporarily changed with the 4-way valve block.

Convenient data management on a PC with "EasyKool" software.

- On-site printout on Testo printer (optional)
- High-quality sensors measure high/low pressure and temperature
- Calculation of superheating and subcooling in real time
- 4-way valve block with sight glass
- 4 temperature probe sockets (2 x wireless, 2 x wire connection)
- Wireless temperature measurement up to 20 m distance (without obstruction)
- 30 refrigerants are stored in the instrument, more refrigerants can be downloaded free of charge from the Testo website using "EasyKool" software
- 60,000 readings can be stored
- Additional functions (not included in delivery):
 - Current measurement
 - Stock management of refrigerants when filling and evacuating refrigeration systems
 - Connection of refrigerant scales
 - Oil pressure measurement



testo 556-1, electronic refrigeration system analyser, brass connections, calibration protocol and batteries included

Part no.
0560 5563

testo 556-2, electronic refrigeration system analyser, stainless steel connections, calibration protocol and batteries included

Part no.
0560 5564

testo 556-1 Set

testo 556-1 refrigeration system analyzer, Velcro surface probe, software with USB data cable, mains unit, lock to secure analyzer, system case for extensive accessories included

Part no.
0563 5561

testo 556-2 Set

testo 556-2 refrigeration system analyzer, Velcro surface probe, software with USB data cable, mains unit, lock to secure analyzer, NH3 adapter, system case for extensive accessories included

Part no.
0563 5562

Technical data testo 556 / testo 560

Low pressure/High pressure	
Meas. range	25 bar / 50 bar
Overload	50 bar / 100 bar
Accuracy	±0.5% fs (Class 0.5)
±1 digit	
Resolution	0,1 bar
Conn.	3 x 7/16" UNF 1 x 5/8" UNF
Vacuum	
Meas. range	0 to 200 hPa
Overload	3 bar*
Resolution	0,1 mbar
Temperature	
Meas. range	-100 to +200 °C
Accuracy	Class B ±(0,3 +0,005 t)
Resolution	0.1 °C
Probe connections	2 x plug-in (Pt100) 2 x wireless (TC)

*Sensor protected from high pressures

General technical data	
Pressure media	CFC, HFC, N, H2O, CO2
Oper. temp.	-20to +60 °C
Storage temp.	-20to +60 °C
Battery type	4 AA batteries
Battery life	40 h (no light)
Dimensions	260 x 130 x 70 mm
Data store in instrument	60,000 readings
Protection class	IP54
Weight	1400 g

Refrigerants permanently stored in instruments

R-12	R401A	R404A	R408A	R422a*	R723**
R1270	R401B	R406a*	R409A	R500	R744
R134a	R401C	R407A	R410A	R502	R718
R22	R402A	R407B	R413A	R507	
R23	R402B	R407C	R414b*	R508**	
R290	R403B	R407D	R417A	R717**	

In the case of testo 556 and testo 560, additional refrigerants can be downloaded free of charge using the Testo website and "EasyKool" software".

* only testo 556-1 / 560-1 (brass)

** only testo 556-2 / 560-2 (stainless steel)