

Digital refrigerant scale

testo 560i - Digital refrigerant scale with Bluetooth and intelligent valve for automatic charging of refrigeration systems and heat pumps



Automatic and precise refrigerant charging according to target superheat, subcooling and weight thanks to intelligent valve*

Wireless connection and operation with Testo manifolds and testo Smart App via Bluetooth

All measured values for the charging process at a glance with storage of the measured data in the testo Smart App

Particularly handy thanks to compact housing, low weight, practical carrying handle and sturdy shoulder bag

Compatible with digital manifolds testo 557s/550s/550i and testo 557/550

The new testo 560i wireless refrigerant scale, together with the intelligent valve, revolutionises the charging of refrigeration systems and heat pumps. Because with the combination of testo 560i with valve, a digital manifold from Testo and/or the testo Smart App, you charge refrigeration systems and heat pumps automatically and thus more quickly and precisely than ever before. You can choose from three automatic programs according to target superheat, subcooling or refrigerant weight. Simply select the charging program in the Testo manifold or testo Smart App, enter the target value and the testo 560i refrigerant scale with

intelligent valve does the rest for you. Your benefits: Time saved to complete other tasks as well as error-free and precise charging of the system.

The scale and valve automatically connect via Bluetooth to the manifold and the App on your smartphone or tablet. This gives you flexibility even in confined environments. Thanks to the compact and robust housing, the low weight and the practical carrying handle, the scale is particularly handy.



testo Smart App
for free download



Order data

testo 560i kit

testo 560i kit, scale and valve
incl. shoulder bag and batteries



Order no. 0564 2560

testo 560i

testo 560i scale
incl. shoulder bag
and batteries



Order no. 0564 1560

Refrigerant valve

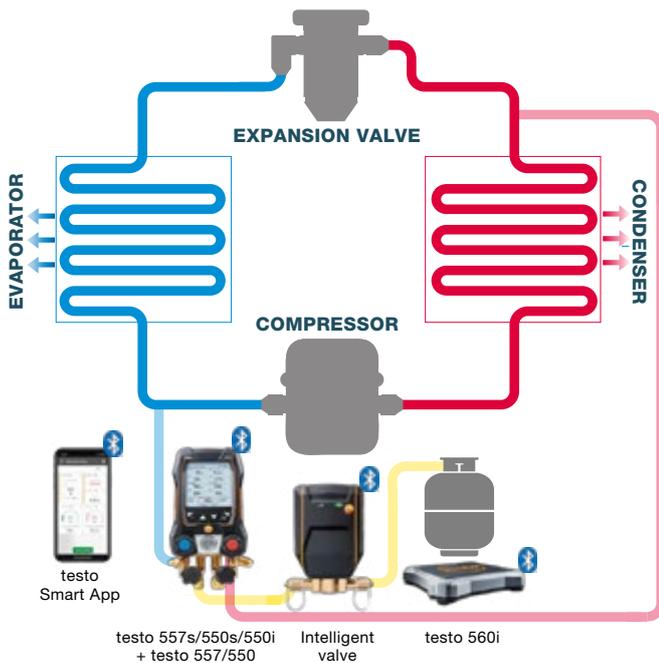
Bluetooth valve
for scale testo 560i incl. batteries



Order no. 0560 5600

Accessories	Order no.
Shoulder bag testo 560i, dimensions 32.4x30.7x12.3 cm (W/D/H)	0516 1000

Schematic diagram for
automatic refrigerant
charging



The testo Smart App

testo Smart App

- For all applications of the testo 560i – from measurement to documentation
- Guided programs for testo 560i with Bluetooth valve for automatic refrigerant charging according to target value (superheat, subcooling, weight, manual)
- Compatible with all Bluetooth-enabled Testo measuring instruments for air conditioning/ refrigeration systems and heat pumps
- Measurement errors are easily prevented thanks to menus that offer optimum support, e.g. for superheat and subcooling
- Quick analysis thanks to clear presentation of the values (graphical & tabular)
- Create digital measurement reports including photos as PDF/CSV files on site and email them straight away

Download now
free of charge
For Android and IOS




Technical data

testo 560i	
Measuring range	0.00 to 100.00 kg
Accuracy (+22 °C, ± 1 digit)	Operating temperature -5 °C to +25 °C: $\leq \pm(10 \text{ g} + 0.03 \text{ \%rdg})$ (0 to 30 kg) $\leq \pm(10 \text{ g} + 0.05 \text{ \%rdg})$ (30 to 100 kg) other working temperature: $\leq \pm 20 \text{ g}$ (0 to 10 kg) $\leq \pm(10 \text{ g} + 0.15 \text{ \%rdg})$ (10 to 100 kg)
Solution	0.01 kg
Ambient humidity	0 to 80 %RH
General technical data	
Connection	Bluetooth 4.2
Bluetooth® range	>30 m free field
Operating temperature	-10 °C to +50 °C / +14 °F to +122 °F
Storage temperature	-10 °C to +50 °C / +14 °F to +122 °F
Dimensions	310 x 287 x 58 mm
Weight	4.36 kg (incl. batteries and bag)
Protection class	IP44
Battery type	4 AA alkaline batteries
Battery life	> 70 h at +25 °C

Refrigerant valve	
Ambient humidity	0 to 80 %RH
Maximum working pressure	35 bar
General technical data	
Connection	Bluetooth 4.2
Bluetooth® range	>50 m free field
Operating temperature	-10 °C to +50 °C / +14 °F to +122 °F
Storage temperature	-10 °C to +50 °C / +14 °F to +122 °F
Dimensions	95 x 119 x 47 mm
Weight	0.57 kg incl. batteries
Protection class	IP54
Battery type	9.0 V alkaline battery (6LR61)
Battery life	>60 hrs + 3000 valve operations

Compatible manifolds from Testo

testo 550i Smart Kit

App-controlled digital manifold with Bluetooth® with wireless temperature probes in practical case, incl. calibration certificate



Order no. 0564 3550 02

testo 550s Basic Kit

Smart digital manifold with cable temperature probes in practical case, incl. calibration certificate



Order no. 0564 5501 02

testo 550s Smart Kit

Smart digital manifold with wireless temperature probes in practical case, incl. calibration certificate



Order no. 0564 5502 02

testo 550s Smart Kit

Smart digital manifold with wireless temperature probes and hoses in practical case, incl. calibration certificate



Order no. 0564 5503 02

testo 557s Smart vacuum Kit

Smart digital manifold with wireless vacuum and temperature probes in practical case, incl. calibration certificate



Order no. 0564 5571 02

testo 557s Smart

Smart digital manifold with wireless vacuum and temperature probes in practical case and hoses, incl. calibration certificate



Order no. 0564 5572 02

No longer available:

testo 550*

Digital manifold with Bluetooth for refrigeration systems and heat pumps



testo 557*

Digital manifold with Bluetooth for commissioning, service and maintenance



* The scale and manifolds testo 550/557 are connected via the testo Smart App.

