

# Digital Refrigerant Scale and Intelligent Valve

testo 560i - Digital refrigerant scale with Bluetooth and Intelligent Valve for automatic charging of refrigeration systems, ductless mini splits, and heat pumps

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Automatic and precise refrigerant charging according to target superheat, subcooling, and weight with the testo Intelligent Valve\*

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

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See all measured values for the charging process, and store measurements in the testo Smart App

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Extremely portable thanks to compact housing, low weight, practical carrying handle and sturdy shoulder bag

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Compatible with:

- testo 557s/550s/550i Smart Digital Manifolds
  - testo 557/550 Digital Manifolds (w/ Bluetooth)
  - testo 115i/549i/605i Smart Probes
  - testo Smart App
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 Bluetooth +  
App

testo Smart App  
for free download



The new testo 560i Digital Refrigerant Scale and Intelligent Valve, revolutionizes the charging of refrigeration systems, ductless mini splits, and heat pumps. With the combination of the testo 560i Digital Scale, testo Intelligent Valve, a compatible digital manifold from Testo and/or the testo Smart App, you can charge refrigeration systems, ductless mini splits, and heat pumps automatically, more quickly, and more precisely than ever before. You can choose from four automatic programs according to target superheat, subcooling, superheat, or refrigerant weight. Simply select the charging program in the Testo manifold or testo Smart App, enter the target value and the testo 560i Digital Refrigerant

Scale and Intelligent Valve does the rest for you. Your benefits: Time saved to complete other tasks, as well as error-free and precise charging of refrigeration systems.

The Digital Refrigerant Scale and Intelligent Valve automatically connects via Bluetooth to the manifold or 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 built-in carrying handle, the testo Automatic Filling System is extremely portable.

## Order data

### testo 560i Kit Digital Refrigerant Scale + Intelligent Valve

testo 560i Kit - Digital Refrigerant Scale and Intelligent Valve. incl. shoulder bag and batteries



Order no. 0564 2560 01

### testo 560i Digital Refrigerant Scale

testo 560i Digital Refrigerant Scale incl. shoulder bag and batteries



Order no. 0564 1560 01

### testo 560i Intelligent Valve

Bluetooth valve for testo 560i Digital Refrigerant Scale incl. batteries



Order no. 0560 5600 01

## 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



Download now  
free of charge  
For Android and IOS




# Technical data

testo 560i	
Measuring range	0.00 to 220.00 lbs.
Accuracy (71.6 °F, ± 1 digit)	@77° +/-5 °F only (angle of incline is about 0°): <= +/-(.02 lbs+0.03% rdg) (0~66 lbs) <= +/-(.02 lbs+0.05% rdg) (66~220 lbs) other working temperature (angle of incline about 0°): <= +/-(.04 lbs) (0~22 lbs) <= +/-(.04 lbs +0.15% rdg) (22~220 lbs)
Resolution	0.01 lbs.
Ambient humidity	0 to 80 %rH
General technical data	
Connection	Bluetooth 4.2
Bluetooth® range	100 feet (free field)
Operating temperature	14 °F to 122 °F (-10 °C to +50 °C)
Storage temperature	14 °F to 122 °F (-10 °C to +50 °C)
Dimensions	12.2 x 11.3 x 2.3 in
Weight	7.6 lbs. (incl. batteries and bag)
Protection class	IP44
Battery type	4 AA alkaline batteries
Battery life	> 70 h at 77 °F

Refrigerant valve	
Ambient humidity	0 to 80 %rH
Maximum working pressure	507 psi (35 bar)
General technical data	
Connection	Bluetooth 4.2
Bluetooth® range	>165 ft. (free field)
Operating temperature	14 °F to 122 °F (-10 °C to +50 °C)
Storage temperature	14 °F to 122 °F (-10 °C to +50 °C)
Dimensions	3.8 x 4.7 x 1.9 in.
Weight	1.2 lbs incl. batteries
Protection class	IP54
Battery type	9.0 V alkaline battery (6LR61)
Battery life	>60 hrs


## testo 560i compatible manifolds and Smart Probes

**testo 550s**  
**Smart digital manifold with Bluetooth and 2-way valve block**




0564 5501 01 • 0564 5502 01  
 0564 5504 01 • 0564 5505 01

**testo 557s**  
**Smart digital manifold with Bluetooth and 4-way valve block**




0564 5571 01 • 0564 5572 01

**testo 550i**  
**App-controlled digital manifold with Bluetooth and 2-way valve block**




0564 2550 01 • 0564 3550 01  
 0564 4550 01 • 0564 5550 01

**testo 115i**  
**Clamp thermometer** operated by smartphone, for measurements on pipes of up to 1.5 in. diameter



0560 2115 03


**testo 605i**  
**thermohygrometer** operated by smartphone



0560 2605 03


**No longer available:**

**testo 550\***  
**Digital manifold with Bluetooth for refrigeration systems and heat pumps**



0563 1550 • 0563 2550


**testo 557\***  
**Digital manifold with Bluetooth for commissioning, service and maintenance**



0563 1557 • 0563 2557

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

**testo 549i**  
**high-pressure gauge** operated by smartphone



0560 2549 03