testo Be sure.

Data sheet
testo 565i EX

MetiorLAB

New

ATEX-certified vacuum pump

testo 565i EX – ATEX-certified vacuum pump for maximum safety with a fully automatic evacuation process and integrated holding test, 7 CFM / 198 l/min.



mbar | Pa | hPa | kPa

Torr | inch Hg | micron | °C/°F

– **ATEX certification**
For work in potentially explosive atmospheres

– **Easy oil change**
With inspection glass for quick assessment of the oil level

– **Non-return valve** to prevent loss of vacuum in the event of power failure

– **A3-/A2L compatible**
Safe and reliable usage even with flammable refrigerants.

– **Fully automated**
Evacuation process with integrated hold test when used in conjunction with the testo 552i vacuum probe (for applications outside Ex zones)

– **One app for everything**
Configure and monitor measurements and manage data with the testo Smart App

The new ATEX certified testo 565i EX vacuum pump performs refrigeration system and heat pump evacuations outside Ex zones completely automatically thanks to the connection to the testo 552i vacum probe.

Once the desired vacuum target value is reached, pumping is automatically stopped and a vacuum holding test is initiated at the same time. Foreign gases and moisture can thus be removed safely, and data relating to the system's leak-tightness stored. The data logging function ensures complete documentation. Evacuations outside Ex zones can thus proceed entirely autonomously.

Configuration, monitoring of live values and sending the measurement report can be easily controlled via the free testo Smart App. This keeps you flexible and saves you valuable time.

For optimum workflows, the testo 565i EX automatically establishes a Bluetooth connection to the Testo refrigeration measuring instruments and the Smart App when it is switched on. The pump also guarantees maximum safety at all times thanks to its compatibility with A2L and A3 refrigerants.

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Technical & order data

testo 565i EX –7 CFM

Flow rate	7 CFM / 198 l/min
Weight	13.8 kg
Final vacuum	15 microns
Refrigerant	A2L, A2, A3, ATEX
Connection sizes	1/4 SAE, 3/8 SAE,1/2 SAE
Bluetooth	BLE 5.0: 30 m range
Operating environment	+5 to +40 °C
Pump type	Rotary vane pump
Number of stages	Two-stage pump
Oil compatibility	ISO VG 46
Power cable	DGUV-compliant, interchangeable via a click mechanism

Order number 0564 5654





Accessories

3-hose charging set		Order number 0554 2111
Vacuum hose		Order number 0554 2112
Vacuum pump oil, 330 ml		Order number 0564 1002
Schrader valve tool		Order number 0554 3111

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Related products

Smart Probes and manifolds

testo 552i
App-controlled wireless vacuum probe



- Identify vacuum quickly and easily by means of the graphical display in the App or on the digital manifold screen
- Connects automatically via Bluetooth® to the testo Smart App, the digital manifolds and the testo 565i vacuum pump

Order number 0564 2552

testo 558s
Digital manifold with 4-way valve block and intuitive touchscreen



- Touchscreen and clear visualisation of the measured values
- A3 and A2L compatibility for maximum safety
- Trend curves of measured values over 30 minutes

Order number 0564 1558

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



- For exceptionally fast measurements on refrigeration and air conditioning systems and heat pumps
- Large graphic display for easy evaluation of measurement results

Order number 0564 5502

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Control via app



testo Smart App– one App for everything

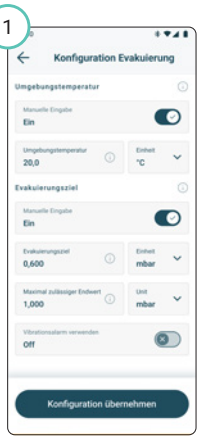
- The testo Smart App guides you quickly and easily through measurements on refrigeration, air conditioning and heating systems.
- Automatic Bluetooth connection to the testo 565i, the manifolds and Smart Probes
- Simple configuration of the evacuation
- Monitoring of all measured values and data storage
- Graphic progression display
- Creation and dispatch of the measurement report

New **Secure cloud connectivity**
for centralised, cross-team use of all measurement data with testo Smart Connect.

Free download:

JETZT BEI Google Play Laden im App Store

Control and evaluate evacuation quickly and easily via App

1


Enter target values

2


Start evacuation

3


Auto-Stop when the target value is reached

4


Automatic initiation of vacuum holding test

5


Analysis of the data