

Newsletter

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testo 565i

The testo 565i, a smart vacuum pump which comes in two versions -- 7 CFM and 10 CFM, makes evacuations incredibly easy. Thanks to smart technology and the connection to the testo 552i vacuum probe, the 565i automatically stops evacuation once the desired target value is reached and initiates a vacuum hold test automatically. This means that the entire process takes place all by itself.

Its high quality ensures that it can even be used safely with flammable class A2L and A3 refrigerants.

The new testo 565i vacuum pump carries out evacuations on refrigeration systems and heat pumps fully automatically.

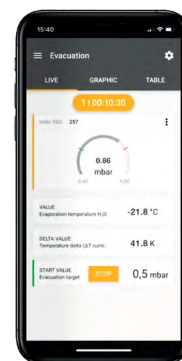
When the desired vacuum target value is reached, pumping is automatically stopped and a vacuum holding test is started at the same time.

Foreign gases and moisture are thus safely removed and data on the tightness of the system is stored.



Features

- Fully automated evacuation process with integrated holding test
- Safe use even with flammable class A3 and A2L refrigerants
- One app for everything: Configure measurements, monitor and manage data with the testo Smart App
- Easy oil change and inspection glass for quick assessment of the oil level
- Non-return valve to prevent vacuum loss in the event of a power interruption
- Automatic Bluetooth connection with the testo 565i, the manifolds and Smart Probes
- The testo Smart App guides you quickly and easily through measurement on refrigeration, air conditioning and heating systems
- Easy to create and dispatch the measurement report

**Learn More**

**For more info contact your local Eurotec Sales Engineer or give us a call: 09 579 1990
or email sales@eurotec.co.nz**



Integrated cold room management

A cold room needs to protect stored products, manage energy consumption, ensure service continuity and remain easy to manage. CAREL brings these needs together through an integrated ecosystem covering control, efficiency, humidity management, safety and supervision.

Control solutions for every configuration

CAREL offers solutions for different cold room configurations. UltraCella provides complete cold room management through a modular architecture. MPXPRO is designed for remote evaporator cold rooms in centralized systems, with electronic expansion valve management, intelligent load monitoring and APPLICA connectivity.

Efficiency, humidity and safety

[CAREL electronic expansion valve](#) solutions cover all the refrigerants, with drivers, probes and pressure transducers. The [EVD ice kit](#) simplifies selection and installation by bringing the components together in one package. UltraCella, humiDisk adiabatic humidifiers and humidity probes help manage temperature and humidity, while ColdWatch and Gas Leakage Detector provide trapped person alarms and refrigerant leak detection, including CO₂.

[Learn More](#)



From 13 to 15 October, CAREL will be at Chillventa 2026 in Nuremberg, showcasing its exhibition concept, "Invisible intelligence behind your applications."

At Hall 6, stands 104 and 110, visitors can explore CAREL's control technologies, digital services and application expertise for more efficient, connected and sustainable HVAC/R applications.

The exhibition will focus on four themes: tangible sustainability, effortless usability, improved efficiency and distributed intelligence, with solutions for heat pumps, refrigeration, R290 applications, data centres, air handling units and industrial cooling, including STone, RED Pilot, Kiona, boss, MPXPRO, RED optimise and CAREL AI.

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HVAC • Refrigeration • Electrical • Measurement

heaterSteam --precision and reliability



HeaterSteam--Precise, reliable steam humidification for demanding applications

When humidity control, hygiene and reliability are critical, CAREL heaterSteam electric heater humidifiers provide a precise and flexible steam humidification solution.

Steam humidification is particularly suited to hygiene-critical applications such as research laboratories, pharmaceutical facilities, healthcare, food and agriculture, as the steam produced is aseptic and does not carry solid particles into the air.

Precise humidity control

heaterSteam uses fully immersed Incoloy 825 or titanium heating elements to generate steam. Electronic control allows production to be continuously modulated from 0 to 100%, providing an accurate response to changing humidity requirements.

With heaterSteam titanium, humidity control can achieve accuracy of up to $\pm 1\%$ RH around the set point. The preheating function keeps the water at a set temperature, allowing the humidifier to respond quickly when steam is required.



Brochure

Flexible water quality

Feedwater quality can significantly affect some humidification technologies. heaterSteam provides greater flexibility, with solutions designed for different water conditions.

For more demanding applications, heaterSteam titanium uses titanium heating elements that are resistant to highly aggressive water. It can operate with demineralised or deionised water with conductivity below $1 \mu\text{S}/\text{cm}$, as well as softened water down to 0°fH . This makes it particularly suitable for applications where ultra-pure water and high reliability are required.

Designed for reliability

heaterSteam incorporates several functions to support dependable operation and reduce maintenance. The Anti-Foaming System (AFS) helps prevent droplets from being carried into the air, while controlled thermal shock cycles help remove scale from the heating elements.

heaterSteam titanium also provides redundancy and rotation functions, allowing multiple units to work together. This is particularly valuable in mission-critical applications, where humidification needs to continue even when one unit is being serviced.

Easy integration and monitoring

Connectivity is built in, with Modbus® and BACnet™ available as standard. Ethernet connectivity and the integrated webserver allow the system to be configured and monitored from a PC or tablet.

The built-in USB port provides convenient access to operating and alarm logs, configuration transfer and software updates. Remote monitoring is also available through CAREL's DigitalHUM cloud platform.

Available in capacities from 2 to 80 kg/h, heaterSteam combines precise humidity control, flexible water-quality options, reliable operation and modern connectivity.

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BENNING IT 105

Safety-related tests of electrical installations after construction, modification or as periodic inspection can be carried out easily and efficiently by means of the installation tester.



BENNING IT 105 Installation Tester – A complete Electrical Installation Testing Solution

BENNING

The BENNING IT 105 Installation Tester is designed to make safety testing of electrical installations fast, accurate and straightforward. Whether testing new installations, modifications or carrying out periodic inspections, it provides electricians with a reliable solution for verifying electrical safety and compliance. Its intuitive design and comprehensive testing capabilities make it an ideal instrument for everyday use in residential, commercial and industrial applications.

Built for ease of use, the BENNING IT 105 features a simple rotary switch that provides direct access to every measuring function, reducing setup time and improving efficiency on site. A large backlit graphic display ensures clear visibility of readings, while advanced testing functions deliver accurate and dependable results. Offering an outstanding price-to-performance ratio, the BENNING IT 105 combines versatility, reliability and user-friendly operation in one robust installation tester.



Functions

- Low-impedance resistance measurement of protective conductor and equipotential bonding conductor connections (200 mA test current)
- Insulation resistance testing with selectable test voltages of 250 V, 500 V and 1000 V
- Loop impedance (L-PE) measurement without RCD tripping (NO-TRIP), with simultaneous display of the Prospective Fault Current (PFC)
- Line impedance (L-N/L) measurement with high test current (HIGH CURRENT), with simultaneous display of the Prospective Short Circuit Current (PSC)
- Automatic measurement of RCD tripping time and tripping current using the ramp method
- Voltage and frequency measurement up to 440 V
- Phase sequence testing for three-phase mains (L1-L2-L3)

Learn More

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