

VT 3050 ...

Vötsch
Industrietechnik



Testing System
for Testing Assemblies

Testing System for Testing Assemblies

A 500 l test space that takes up less than 1m² floor space. The VT 3050 has ample space for accommodating your test specimens. A glass door (option) allows a clear view on the test specimen.

Reliable temperature tests ranging from -30 °C to +100 °C for a large variety of applications:

- Ageing of equipment
- Constant temperature tests
- Changing temperature tests on raw materials and finished products
- Testing of total assemblies in the electrical and electronic industries
- Functional tests applying various ambient temperatures
- Ascertaining the "clouding" behaviour of beer "Forciertest"

For monitoring and controlling the test chamber is equipped with a powerful 32-bit control system MINCON/32.

The terminal with LCD-display "MINCONTROL" offers input and display of values and states.



Technical Data ...

Test space volume	Litre	500
Temperature range	°C	-30/+100
Temperature fluctuation ¹⁾	K	±0.5
Deviation in space	K	±1.5
Temperature gradient ¹⁾	K	3
Temperature rate of change ¹⁾		
Heating	K/min	2.0
Cooling	K/min	1.4 ²⁾
Heat compensation max.	W	650
Calibrated values		+23 °C/+80 °C
Test space dimensions		
Width	mm	710
Depth	mm	590
Height	mm	1250
External dimensions		
Width	mm	940
Depth	mm	1030
Height	mm	1955
Noise level ³⁾	dB(A)	<60
Rated power	kW	1.9
Electrical connection		
1/N/PE AC 230 V ±10 %, 50 Hz		

Performance values refer to +25 °C ambient temperature ¹⁾ in accordance with IEC 60068-3-5 ²⁾ with option 3 K/min ³⁾ free field, 1 m distance from the front, as per DIN 45635, part 1, accuracy class 2

Standard ...

- Terminal MINCONTROL
- MINCON/32 control
- Adjustable software temperature limiter min./max.
- Independent, adjustable temperature limiter $t_{min.}/t_{max.}$
- Interface RS 232
- Potential-free contact for switching-off of test specimens
- Test space illumination
- Mobile design
- 1 Entry port 80 mm dia.
- 1 Stainless steel shelf
- Air-cooled refrigeration unit
- WKD-calibration of 2 temperature values

Options ...

- Software SIMPATI*
- Digital I/O board
- Temperature measuring on test specimen
- Interface IEEE 488
- Networking (RS 485 interface)
- Dehumidification during heating cycle
- Various printers
- Other entry ports and shelves
- Glazed door
- Special voltage
- Reinforced cooling unit

We reserve the right of changes in construction resulting from technical progress. Some of the illustrated systems contain optional extras.

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Industrietechnik

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