

Small and fine ...

Vötsch
Industrietechnik



Temperature
Mini Test Chambers
VT 4002, VT 4004 and VT 7004

Mini test chambers VT 4/7...



The test chambers...

VT 4002, VT 4004 and VT 7004 - our "minis" - offer an optimum solution with a test space volume of 16 and/or 35 l when limited space is available.

The temperature range of the 16 l chamber is -40 °C to + 130 °C and the range of the 35 l chamber is -40/-70 °C to +180 °C.

Temperature conditioning efficiency renders this compact and yet very quiet series of systems suitable for universal applications.

Standard ...

- E-terminal (99 test programmes may be stored)
- Digital customer I/O board
- Potential-free contact for fault reports
- Adjustable software temperature limiter min./max.
- Interface RS 232
- Observation window ⁽¹⁾
- Test space illumination ⁽¹⁾
- 1 Entry port 80 mm dia. ⁽²⁾
- Air-cooled refrigeration unit

Options ...

- C-terminal (99 test programmes may be stored)
- Software SIMPATI*
- Mobile temperature measuring sensor
- Interface IEEE 488
- Networking (RS 485 interface)
- Operating temperature limiter
- Dehumidification during heating cycle
- Various printers
- Other entry ports
- Door with window and lighting
- Laboratory table mobile
- Special voltage
- CO₂ shock cooling ⁽³⁾

Technical Data

Type		VT 4002	VT 4004	VT 7004
Test space volume	Litre	16	35	35
Temperature range	°C	-40/+130	-40/+180	-70/+180
Temperature fluctuation (1)	K	±1	±1	±1
Deviation in space	K	±2,0	±2,0	±2,0
Temperature gradient (1)	K	4	4	4
Temperature rate of change	Heating (1)	K/min	5,0	5,0
	Cooling (1)	K/min	3,5	3,5
Heat compensation	W	350	500	450
Test space dimension	Width	mm	310	320
	Depth	mm	230	270
	Height	mm	205	400
External dimensions	Width	mm	465	950
	Depth	mm	505	830
	Height	mm	625	630
Noise level (measured at 2 m dist. from the front)	dB(A)	<55	<58	<59
Electrical connection		1/N/PE AC 230 V ±10 %, 50 Hz		
Rated power	kW	0,7	1,5	2,0

Performance values refer to +25 °C ambient temperature

(1) in accordance with IEC 60068-3-5. Subject to technical alterations.

- (1) only VT 4002
 (2) only VT 4002 = 25 mm Ø
 (3) not VT 4002

