

MB-VC20

VACUUM DRYING OVEN



- Max. temperature: 200°C
- Temperature fluctuation at 150°C: $\pm 0.2^{\circ}\text{C}$
- Inside dimensions (WxHxD) mm: 250 x 250 x 320
- Useable volume: 20 l
- RS232/RS422 interface: Optional

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Clean. Engineering. Expertise.

DESCRIPTION

The MB-VC20 is the optimal solution for oxidation-sensitive substances and thermally instable products. It provides precise thermal conditions in dust-free vacuum atmosphere.

These characteristics enable highly successful applications for a wide range of laboratory applications in areas such as chemical engineering, pharmaceuticals, foodstuffs, cosmetics and electronics. The wall heating system can be controlled within 0.1°C and ensures stable temperature conditions over the entire chamber, ranging up to +200°C.

The MB-VC20 feature an exclusive pressure safety system with door safety catch. The viewing window consists of double glaze safety glass. Heating without vacuum is prevented by means of a pressure threshold switch (option). When opening the door, the heating system immediately turns off.



TECHNICAL DATA

Operation	Vacuum drying
Oven body	Stainless steel (inner chamber)
Heating method	Wall heating
Heating element	Flat heating elements
Max. temperature	200°C
Ramp-up rate of heating	Yes
Accuracy of temperature controller	± 0,2 @ 150°C
Temperature homogeneity	2%
Vacuum level	(absolute) < 4.8 x 10E-1
Vacuum pump*	Recommended, but not included
Temperature controller	Microprocessor temperature controller
Control unit	Micro controller
Tray	Aluminium tray (shelf)
Electrical (FLA)	230 V/ 50-60 Hz; 900W or 115 V / 50-60 Hz
Size (internal dimensions)	Opening (L) x (H): 250 mm 250 mm Interior length (W) 320 mm
Size (external dimensions): standalone oven	(L) 545 mm, (W) 425 mm, (H) 375 mm (only VC20)
Volume	20 l
Data interface	RS 232
Display	Operation panel of the oven

Technical note: Dependent upon operating conditions.

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