

MB-VOH-150

VACUUM OVEN



- Designed specifically to operate under vacuum conditions
- Easy transfer of goods into and out of the glovebox
- Maximum temperature of 150°C
- Maximum vacuum level $5 \times 10E-2$ mbar (depending on the vacuum pump)
- All stainless steel construction
- Inner and outer doors open in vertical direction
- External heating tape

MB-VOH-150

VACUUM OVEN

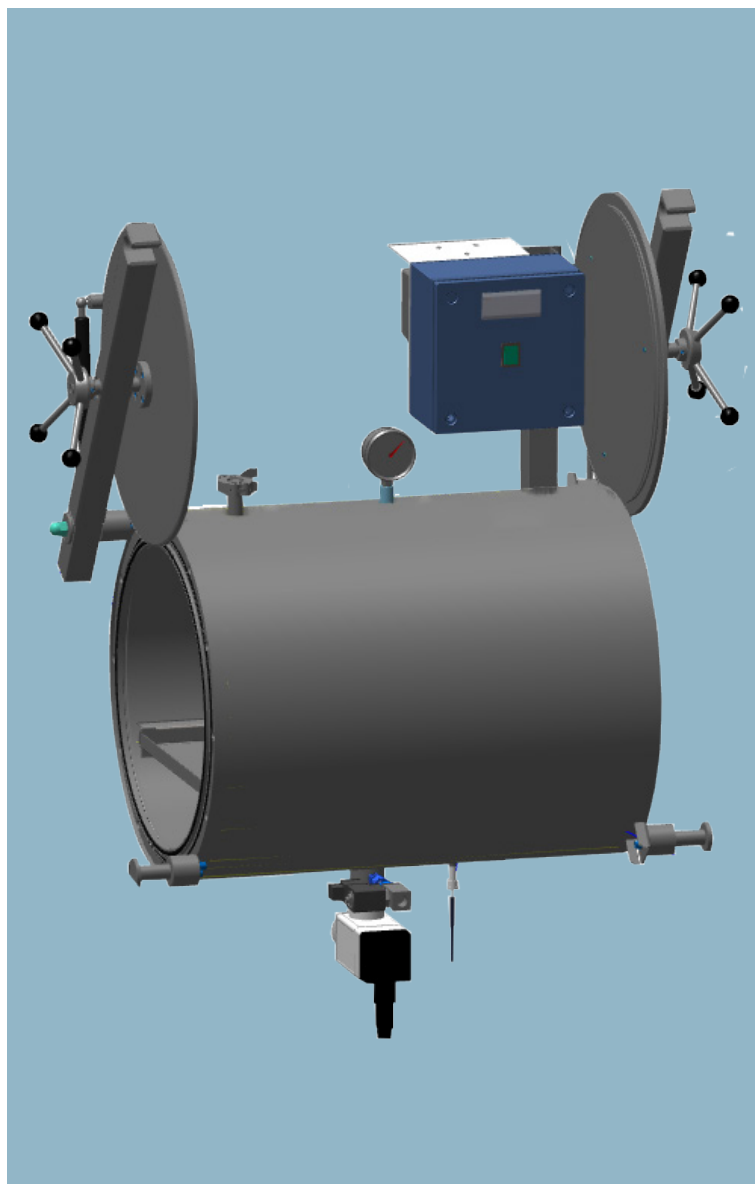
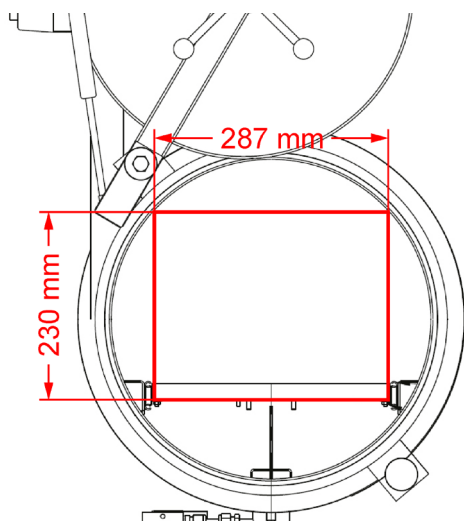
DESCRIPTION

The MB VOH-150 serves two main distinct functions. The first function is to transfer material into and out of the inert environment whereas the second function allows for the heating of the material under controlled vacuum conditions.

Based on MBRAUN's standard main antechamber design, this particular oven features a large heating zone allowing for the heating of larger and more unconventionally shaped components. An increased operating temperature of up to 150°C offers the possibility to quickly dry and cure a wide range of materials.

Being widely used in university research as well as in industrial manufacturing this oven sets standards when controlled heating under vacuum conditions is required.

Moreover, as this oven is equipped with a stand-alone controller, it can be easily mounted on existing MBRAUN gloveboxes as an upgrade.



TECHNICAL DATA

Operation	Heating under vacuum
Oven body	Stainless steel 1.4301 (SUS 304) with insulating jacket
Heating method	External heating jacket (heating tape)
Internal available space	572 x 287 x 230 mm (LxWxH) for 1 tray configuration
Maximum temperature	Max. 150°C under vacuum
Temperature controller accuracy	± 2.5 °C
Heating control	Heating time settable
Vacuum level *	5 x 10E-2 mbar (depending on the vacuum pump)
Vacuum pump*	Recommended, not included
Control	Stand Alone
Weight	Approx. 80 kg
Electrical supply	230 V / 50-60 Hz 9.5 A

*Technical note: Dependent upon operating conditions.