



Vacuum Drying Oven VTO

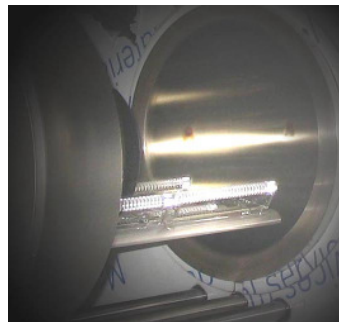
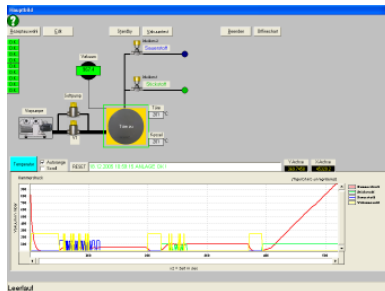
Reinraumtechnik Lanz's, brand new Vacuum Drying Oven, designed for drying substrates in vacuum and by increased temperature. During the drying process O₂ and/or N₂ can easily be added.

Description

All sub-components are stored in the VTO, no further space is needed in the cleanroom. All maintenance of the VTO is being completed in the adjoining grey room.

This oven is designed to be integrated in a cleanroom wall. Hence, the actual space needed in the cleanroom is minimal.

Easy to access, use and program the VTO is the ideal tool for various cleanroom drying applications. The Integrated PC control unit enables easy programming and operation of the entire drying process.



Features and Benefits

- Max. vacuum value reached. 10⁻⁴ mbar
- Maximum Temperature: 200°C
- Temperature Surveillance
- Loading batch process, max. 2 charges 8"
- Chamber door opens like a drawer
- Password-protected service and edit functions
- Vacuum interlock
- Rods at the door of the system for support of the quartz boats
- Adjustable N₂ flow into chamber
- PLC controlling system, operation via PC (control of vacuum pump, valves and 3-colored signal lamp, temperature and vacuum adjustment, display of temperature, vacuum and valves status, read out of logfiles, presentable either in spread sheet or direct displaying the values on the screen during process)
- Control Unit PR 4000 with 1,5A power supply



Features and Benefits

- Emergency switch off
- Illuminated ON/OFF switches
- Audio signals end of process
- 12 months warranty
- CE marking

Facility Requirements

Power:	380V; 50Hz; 16A
Air pressure:	OD=6 mm, 5 bar
N2:	VCR ¼ ", 1 bar
O2:	VCR ¼ ", 1 bar

Dimensions

- Chamber: Ø 250mm, depth 400mm

Options

- Pump rack
- N2 pre-heating
- Plasma processing
- Online maintenance via modem
- Maintenance / Service manual printed on cleanroom paper