

Vapor Prime Oven VPO 50

Reinraumtechnik Lanz's reliable, new HMDS Oven for pre-programmed dehydration and vapor deposition to generate photoresist adhesion.

This newly developed vapor prime oven is controlled via a PLC with an easy-to-use touch panel.

Description

Four recipes, each with 15 steps, are included in the standard software, which can be extended via Reinraumtechnik Lanz's Service Software.

Available in either stainless steel or plastic-coated metal housing, this oven is equipped with door lock protection to ensure that the processing is first carried out after the door is secured.

The standard side-mounted HMDS bottle can be mounted elsewhere, if desired. A rotary vane pump provides optimal vacuum.

Batch recording, available as an option, allows the user to store the actual process values on the PC.



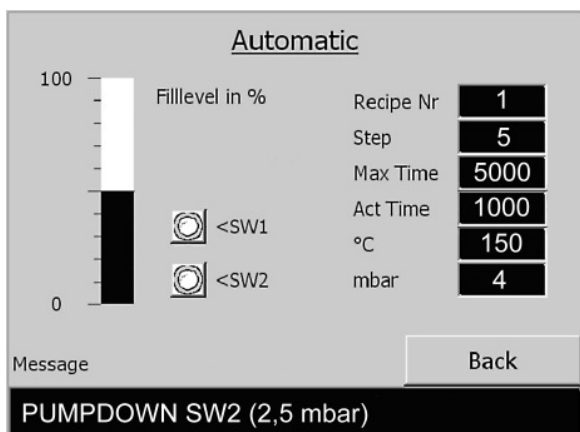
Features and Benefits

- Double-glass shatter-proof door
- User-friendly touch panel for set up and operation
- Maximum Temperature: 170 °C*
- Temperature Sensor Error Surveillance
- Password-protected service and edit functions
- Vacuum interlock
- Vacuum pump switches on and off automatically
- Software level indicator for HMDS bottle
- Adjustable N2 flow into chamber
- Media valves located in a separate, lockable cabinet in rear of oven
- Vacuum gauge check
- System value check
- Pressure relief valve for N2
- Fire protection system
- Emergency switch
- Easy to disassemble side-mounted HMDS bottle
- Illuminated ON/OFF switches
- Tone signals end of process
- 12 months warranty
- CE marking

* Temperature can be raised up to 200 °C via service software, if required. Higher temperatures available upon request.

For more details, please contact Reinraumtechnik Lanz – Germany at info@rrt-lanz.com

Subject to change without prior notice.



Sample display of recipe processed in automatic mode

Facility Requirements

400 V, 3-phase + N + PE + PE for grounding, 50 Hz

Dimensions

- External: 730 x 665 x 665 mm (w x d x h)
- Chamber: 350 x 420 x 350 mm (w x d x h)
- Chamber: 50 l
- HMDS bottle: approx. 300 ml
- End vacuum: < 1 mbar
- Total weight: approx. 100 kg

Options

- Supporting table
- Pump rack
- N2 pre-heating
- Batch recording software for PC
- Service software for PC
- Online maintenance via modem
- Maintenance / Service manual printed on cleanroom paper