The complete supplier of Temperature & Humidity Environmental Test Chambers, Heating/Drying Ovens and Support Services.

“The Unique independent Solutions Provider for All Your Temperature & Humidity Test Equipment Requirements”

**Binder VD & VDL Vacuum Drying Ovens**

We supply the Binder VD series of Vacuum drying Ovens designed for the safe drying of assemblies and materials in a fast and efficient manner. They use a combination of temperature and vacuum to evacuate all moisture from the product placed inside for drying. With its unique design to maximise temperature uniformity combined with the patented shelf design which is fitted with a large surface area to conduct the heat through the shelf and with clamps to the side walls these have very uniform performance throughout the oven.

These can be supplied with or without the vacuum pump which can be used to a vacuum level of 1.5 mbar or the VDL version can be combined with the ATEX compliant vacuum pump to achieve full safety explosion proof drying of flammable fluids.

**Features and Benefits of the VD & VDL Vacuum Drying Ovens**

- Electronically controlled APT.line™ preheating chamber with 2 expansion racks assuring temperature accuracy and reproducible results
- Temperature range from +15 °C above ambient temperature to +200 °C
- MP controller with 2 programs with 10 sections each or switchable to 1 program with 20 sections
  - Integrated weekly program timer with real-time function
  - Digital temperature setting with an accuracy of one degree
  - Elapsed time indicator
- Precision-adjustable ventilation valve
- Precision-adjustable inert gas valve with Cross-Flow-Technology
- All electrical components are decoupled from the inner chamber
- Spring-mounted safety glass panel with shatter protection
- Independent adjustable temperature safety device class 2 (DIN 12880), with visual temperature alarm
- Measuring port DN 16 in rear panel
- Analogue pressure gauge (displays pressure difference between the inner chamber and ambient pressure)
- Electro polished inner chamber, suction and ventilation tubes, pressure container, expansion racks, and ball valve are made of stainless steel
- Door gasket made of tempered silicone
- 2 x 24 V DC (max 0.4 A) switching outputs, switched via 2 control contacts in the program editor
- RS 422 interface for communication software APT-COM™ Data Control System
- 2 patented, flexible aluminium expansion racks
- Also available as complete system with module and vacuum pump. Features:
  - Reduced noise level
  - Practical working height
  - Coordinated system
- BINDER test confirmation
- Powered by 230V 13 Amp socket
- Available with an extensive range of optional accessories to customise the Ovens to the users exact requirements
- Delivered from stock within 3-4 weeks

These Vacuum Drying Ovens are supplied in a range of sizes as follows:-

- 23 litres 285 x 285 x 285mm (Internal WxDxH)
- 53 litres 400 x 330 x 400mm (Internal WxDxH)
- 115 litres 506 x 450 x 506mm (Internal WxDxH)

For Advice & Assistance
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