



TESLA TEST SYSTEMS

ENVIRONMENTAL, TEMPERATURE & HUMIDITY TEST CHAMBERS

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 KB Refrigerated Ovens for testing & drying

We supply the excellent Binder KB series refrigerated Ovens used for testing at lower temperatures, these have a temperature range of -5°C to +100°C for component testing, drying and curing. They have forced convection through an air circulation Fan and are fitted with a microprocessor PID controller. All the Ovens are fitted with 2 internal shelves and have controlled fresh air vents for the exhaust of excess fumes and heat.

All the ovens are fitted with an over temperature safety cut-off switch to Class 2 (DIN 12880).



Features and Benefits of the KB Refrigerated Ovens

- Electronically controlled APT.line™ preheating chamber and patented DCT™ refrigeration system assuring temperature accuracy and reproducible results in both heating and cooling situations
- Temperature range -5 °C to 100 °C
- MP controller with 2 programs with 10 sections each, alternatively switchable to 1 program with 20 sections
 - Integrated week program timer with real-time function
 - Adjustable ramp function via program editor
 - Digital temperature setting with an accuracy of a tenth of a degree
- Adjustable fan speed
- Elapsed time indicator
- Independent adjustable temperature safety device class 3.1, providing full protection against chamber over-temperature, with visual and audible temperature alarm
- Inner glass door
- RS 422 interface for communication software APT-COM™ Data Control System
- Adjustable intervals for printer
- Units up to 115 litres are stackable
- Access port with silicone plug Ø 30 mm, left side **(240, 400 & 720 litres)**
- 2 stainless steel racks
- BINDER test confirmation
- Powered by 230V 50Hz 13 Amp socket
- Unit sizes 23, 53, 115, litres fitted with feet for bench/trolley mounting, 240, 400 & 720 litres fitted with 4 castors (2 with brakes)

- 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 Drying/Heating Ovens are supplied in a range of sizes as follows:-

- 23 litres 222 x 300 x 330mm (Internal WxDxH)
- 53 litres 400 x 350 x 400mm (Internal WxDxH)
- 115 litres 600 x 420 x 480mm (Internal WxDxH)
- 240 litres 800 x 520 x 600mm (Internal WxDxH)
- 400 litres 1000 x 520 x 800mm (Internal WxDxH)
- 720 litres 1000 x 620 x 1200mm (Internal WxDxH)

**For Advice & Assistance
Please Telephone Us On 01772 600771**



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