



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 FP & M series Material Test Chambers

We supply the excellent Binder FP & M ranges of Material Test Chambers for component testing, drying and curing. These are similar to the standard ovens except they are fitted with programmable microprocessor PID controllers for cyclic style testing of assemblies. They are fitted with forced air convection through an air circulation Fan with a temperature range from +5°C above ambient to +300°C. The difference between the two models is that the M series has a more complex controller with added functionality and control. All the Ovens are fitted with 2 internal shelves and have controlled fresh air vents for the exhaust of excess fumes and heat.



Features and Benefits of the FP & M series Material Test Chambers

- Electronically controlled APT.line™ preheating chamber assuring temperature accuracy and reproducible results
- Temperature range from +5 °C above ambient temperature to +300 °C
- **FP Series** - MP controller with 2 programs with 10 sections each, or alternatively 1 program with 20 sections, the time of an individual program step can be set to max. 99.59 hours or 999.59 hours. This adjustment applies to all program sections.
 - Integrated weekly program timer with real-time function
- **M Series** - MCS controller with 25 storable programs of 100 sections each for a maximum of 500 program segments
 - User-friendly LCD screen
 - Easy-to-read menu guide
 - Real-time clock
- Adjustable ramp function via program editor
- Program-controlled ventilation flap
- High air-exchange rate through high-performance fan
- Adjustable fan speed
- Exhaust duct Ø 50 mm
- Temperature safety device class 2 (DIN 12880) with visual alarm
- Printer and communication interface RS 422 for use with APT-COM™ Data Control System software
- Units up to 115 litres are stackable
- 2 chrome-plated racks included

- Unit sizes 53, 115 & 240 litres powered by 230V 13 Amp socket, 400 & 720 litres 400V 50Hz 3 phase neutral & Earth supply
- BINDER test confirmation
- 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:-

- 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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