



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 MK & MKT Cyclic Temperature Chambers

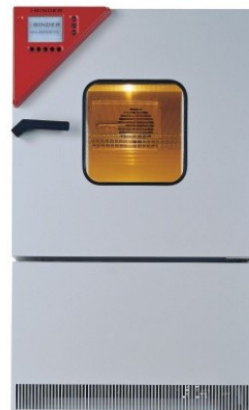
We supply the excellent range of MK & MKT standard Temperature chambers from Binder GmbH Germany; these chambers are supplied in two temperature ranges **MK -40°C to +180°C & MKT -70°C to +180°C**. They are designed as fully programmable temperature cycling chambers and have temperature change rates of up to 5.0°C per minute. The chamber is fitted as standard with a fully programmable microprocessor PID controller with colour graphical LCD display for programming and monitoring the test parameters, they are also fitted with an Ethernet communications port for connection to a remote PC for programming and Data logging via our APT-COM software package including the Basic Edition of the software supplied free with the chamber.



Features and Benefits of the MK & MKT Chambers

- Electronically controlled APT.line™ preheating chamber assuring temperature accuracy and reproducible results
- Unique Horizontal uniform airflow throughout the chamber ensuring uniform temperature conditions
- Temperature range of **MK -40°C to 180°C or MKT -70°C to 180°C**
- 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
 - Integrated electronic chart recorder
 - Variety of options for the graphic display of process parameters
 - Real-time clock
 - Adjustable ramp function via program editor
- Access port Ø 50 mm, left side on smaller chambers, 2 x 80mm Ø portholes for 720 litre chambers
- Heated viewing window with LED interior lighting
- Temperature safety device class 2 (DIN 12880), with visual and audible temperature alarm
- Ethernet interface for communication software APT-COM™ Data-Control-System
- BINDER Communication software APT-COM™ 3 Basic Edition
- 1 stainless steel rack
- BINDER test confirmation
- Programmable condensation protection for test material
- 230 V power socket on the right-side operating panel (**MKT only**)
- 4 potential-free relay outputs that can be activated via MCS controller (**MKT, optional on MK**)

- 4 casters with 2 brakes , MK 53 fitted with feet for bench/ trolley mounting
- Powered by 400V, 50Hz, 3 phase neutral & earth supply, except the MK 53 which is 230V 50Hz 13 Amp.
- Available with an extensive range of optional accessories to customise the chambers to the users exact requirements
- Delivered from stock within 3-4 weeks



These chambers are supplied in a range of sizes as follows:-

- 53 litres 402 x 330 x 402mm (Internal WxDxH), MK only
- 115 litres 600 x 400 x 480mm (Internal WxDxH)
- 240 litres 735 x 443 x 700mm (Internal WxDxH)
- 720 litres 1200 x 600 x 1020mm (Internal WxDxH)

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



3 Bamfords Fold, Bretherton, Leyland, Lancashire, PR26 9AL

Tel: 01772 600771 Fax: 01772 600771 E-Mail: andy@teslatest.co.uk Website: www.teslatest.co.uk