



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 ED, FD & FED Drying/Heating Ovens for testing & drying

We also supply the excellent all round Binder ranges of Drying/Heating Ovens for component testing, drying and curing. They come in two versions: the ED which has Natural convection and the FD & FED which have forced convection through an air circulation Fan with temperature range from +5°C above ambient to +300°C. Each model range is fitted with a different level of microprocessor PID controller with the ED & FD fitted with a basic single set point controller with time setting whilst the FED has additional start and stop settings as well as an adjustable fan speed setting.

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 ED, FD & FED Drying/Heating Ovens

- Electronically controlled APT.line™ preheating chamber assuring temperature accuracy and reproducible results
- Temperature range from +5 °C above ambient temperature to +300 °C
- **ED & FD Ovens** - DS control with integrated timer 0 to 99 hrs
- **FED Oven** - MS controller with several timer functions:-
 - Controller timer functions: delayed ON, delayed OFF, temperature dependent delayed OFF
 - Adjustable fan speed
- Digital temperature setting with an accuracy of one degree
- Front ventilation flap slide and rear exhaust duct Ø 50 mm (1.97 inch)
- Independent adjustable temperature safety device class 2 (DIN 12880), with visual temperature alarm
- **FED Oven** - RS 422 interface for use with APT-COM™ Data Control System communication software or switch over to printer output with RS 232 / RS 422 interface converter
- Units up to 115 litres are stackable
- 2 chrome-plated racks included
- BINDER test confirmation
- Unit sizes 23, 53, 115 & 240 litres powered by 230V 13 Amp socket, 400 & 720 litres 400V 50Hz 3 phase neutral & Earth supply
- Unit sizes 23, 53, 115, 240 & 400 litres fitted with feet for bench/trolley mounting, 720 litres fitted with casters for floor standing

- 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**



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