

**COMPONENT BURN-IN and LIFE TEST SYSTEM****Sharetree 16-position Tray System**

The Sharetree Tray Burn-in and Life Test systems are designed specifically for testing of components and small assemblies. The chamber has a powerful horizontal airflow to minimise thermal gradients, and automatic ambient air-cooling to ensure stable operation with high dissipation loads. An insulated lattice is fitted to the front of the chamber to accept standard Sharetree Trays. Power and signals may be distributed to each Tray as required via a multi-pole connector at each lattice position.

Each Tray is self-contained and may be individually loaded and unloaded with minimal disturbance to other trays, making the system ideal for testing of a variety of small batches. A Tray and system customising service is available to suit specific products.

The system can be computer controlled to allow “step-stress” test profiles, monitoring of product, etc.

**Specification**

Capacity	16 standard Sharetree burn-in trays
External dimensions (max.)	1560 W x 980 (+ Trays) D x 1810 H mm
Operating temperature range	+40°C to +100°C
Chamber controller	Eurotherm 2416
Controller comms.	RS485
Heat-up time rate (typical)	1°C/min
Maximum load dissipation	240 Watts
Rated voltage	230V AC single phase, 50 Hz
Rated maximum current	32 amps
Power supplies (max.)	3 per chamber
Shipping weight (less main power supplies)	250 Kg