

THERMAL STRESS SCREENING SYSTEM**MODEL TC/CYCLONE/600/LN**

Designed for Thermal Stress Screening of PCB's and small assemblies. The chamber features fast airflow and Liquid Nitrogen (LN₂) cooling, for very high thermal ramp rates.

Units can be mounted on product carriers inside the chamber.

Specification

	<i>W (mm)</i>	<i>H (mm)</i>	<i>D (mm)</i>
Internal dimensions	600	600	600
External dimensions (max.)	1560	1810	980
Operating temperature range	+150°C to -70°C		
Average rate of change of temperature	5°C to 30°C/minute		
Maximum thermal mass	25 Kg		
Maximum load dissipation	100W		
Rated voltage	400V AC 3-phase + Neutral		
Rated maximum current	60 amps per phase		
Rated maximum power	30 KW		
Cooling	LN ₂		
Inlet connection	½" BSP		
Inlet pressure	2 bar		
Outlet duct (for nitrogen gas)	50 mm diameter		
Nominal chamber weight	300 Kg		
Airflow direction	Horizontal (side-to-side)		
Features:	Product protection RS485 comms 50mm cable port (left side)		