

slimLine-L

Temperature Test Chambers - *liquid gas cooled*



- **Modern styling**
- **Compact bench top design**
- **27 to 210 litre capacity**
- **Wide temperature range**
- **Extensive range of options**
- **Liquid nitrogen (LN2) or liquid carbon dioxide (LCO2) cooling**
- **Reliable long term operation**
- **Single phase mains power**
- **Factory calibrated**



SlimLine-L temperature test chambers are designed for general purpose laboratory and test applications where small chamber size is important, and product loading is relatively low. Both liquid nitrogen (LN2) and liquid carbon dioxide (LCO2) cooling options are available.

SlimLine-L Model Range – liquid gas cooled thermal test chambers

Prefix model number with T/SlimLine/ for steady-state temperature control

Prefix model number with TC/SlimLine/ for cyclic temperature control (includes PR option)

Model	Internal dimensions mm			Volume Litres	External dimensions mm			Temperature range °C	
	w	d	h		w	d	h	min	max
300/LN/-70	300	300	300	27	575	785	1025	-70	180
300/CO/-60	300	300	300	27	575	785	1025	-60	180
450/LN/-70	450	450	450	90	725	935	1225	-70	180
450/CO/-60	450	450	450	90	725	935	1225	-60	180
600/LN/-70	600	600	600	216	875	1085	1330	-70	180
600/CO/-60	600	600	600	216	875	1085	1330	-60	180



SlimLine 600 with optional stand

All models		
Thermal ramp rate	Thermal gradient	Temperature fluctuation
±5°C/minute	2°C 4°C ≥ 100°C	±0.3°C
Sharetree Systems use Eurotherm industry-standard programmers and controllers		

Standard options (additional cost)		
CP50	50 mm diameter cable port	Includes silicone rubber bung
CP100	100 mm diameter cable port (n/a on 300 model)	Includes silicone rubber bung
PP	Product protection thermostat	Sets upper and lower trip temperatures
PR	Cyclic programmer upgrade	One 8-segment profile storage capacity
S300/450/600	Perforated stainless steel shelf (select required size)	Includes adjustable shelf supports (12.5 mm pitch)
RS232/RS485	Digital serial communications port	Includes rear connector (select required protocol)
SC96	Software control	Requires host computer
W300	300 mm square, heated multi-pane window	Includes chamber interior light
ER	Event relay for chamber controller	240VAC/5 amp SPCO, wired to rear connector
ECD	Extended cold dwell	Includes door frame heater and automatic de-frost
ST600	Chamber stand with two locking wheels	Height = 565 mm

Agent:



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