

SlimLine-M

Temperature Test Chambers - *compressor cooled*



- **Modern styling**
- **Compact bench top design**
- **27 to 210 litre capacity**
- **Wide temperature range**
- **Extensive range of options**
- **Integral mechanical refrigeration**
- **Reliable long term operation**
- **Single phase mains power**
- **Factory calibrated**



SlimLine 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 single-stage (-40°C) and cascade (-70°C) cooling options are available.

SlimLine Model Range – mechanically 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/ME/-40	300	300	300	27	575	785	1025	-40	180
450/ME/-40	450	450	450	90	725	935	1225	-40	180
450/ME/-70	450	450	450	90	725	935	1225	-70	180
600/ME/-40	600	600	600	216	875	1085	1330	-40	180
600/ME/-70	600	600	600	216	875	1085	1330	-70	180
All models									
Thermal ramp rate			Thermal gradient			Temperature fluctuation			
±2°C/minute			2°C 4°C ≥ 100°C			±0.3°C			
Sharetree Systems use Eurotherm industry-standard programmers and controllers									



TC/SlimLine/ME/600/-40 with optional S600 stand

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
AD(-40)	Air drier (-40 dew point)	Requires clean compressed air supply
BHS	Boost heating	+5°C/minute maximum
BCS	Boost cooling (Liquid Nitrogen direct injection)	+5°C/minute maximum Includes door safety interlock
ST600	Chamber stand with two locking wheels	Height = 565 mm

Agent:



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