



## Model M600, M600M & M600MM Chambers

Model M600 is supplied with a casted stand and is available in 3 basic test chamber configurations: [Model C controller](#) is standard. [Model C4 programmable controller](#) is optional.



Model M600 Cryogenically cooled (L-CO<sub>2</sub> or L-N<sub>2</sub>)  
 Model M600M Single stage refrigerated  
 Model M600MM Cascade refrigerated

[A cryogenic boost option \(L-CO<sub>2</sub> or L-N<sub>2</sub>\) is available for improved cooling performance.](#)

Chamber Size		
Workspace		Exterior
Volume Feet <sup>3</sup> (Liters)	H x W x D Inches (Centimeters)	H x W x D Inches (Centimeters)
20.7 (587)	34.6 x 35.0 x 29.6 (87.9 x 88.9 x 75.2)	46.1 x 40.0 x 46.3 (117.1 x 101.6 x 117.6)

Operating Ranges • C	High limit	Low limit
M600	200 [300] <a href="#">(High temp option)</a>	-65 L-CO <sub>2</sub> -100 L-N <sub>2</sub>
M600M	200	-30 (Refrigeration only) -65 L-CO <sub>2</sub> Boost option -100 L-N <sub>2</sub> Boost option
M600MM	200	-65 (Refrigeration only) -100 L-N <sub>2</sub> Boost option

Performance • C (Center 70% of range)	Ramp down °C per minute	Ramp up °C per minute
M600	18	11§
M600M	1.8 (Refrigeration only) 18 (with Boost option)	8§
M600MM	1.6 (Refrigeration only) 18 (with Boost option)	8 (Refer off) 6 (Refer on)§

### § Cooling rate

Cryogenic rates are highly dependent upon coolant type (L-N<sub>2</sub> or L-CO<sub>2</sub>), pressure, and quality.

For more information download or request a copy of our brochure on [Cryogenic Cooling](#)

Mechanical rates are dependant on refrigeration system chosen and other factors.

### Heating rate

Temperatures shown are for typical heaters. Faster and slower rates available.