Specifications

Thermal range:	–5.0° to 105°C, but no more than 30°C below ambient temperature (4°C to 105°C, but not more than 23°C below ambient temperature for the Twin Towers® unit)
Accuracy:	± 0.3°C of programmed target @ 90°C, NIST-traceable
Thermal uniformity:	± 0.4°C well-to-well within 30 seconds of arrival at 90°C (for most Alpha units; see specifications for individual Alpha units)
Ramping speed:	Up to 3°C/sec for all single- and dual-block Alpha units; Up to 1.2°C/sec for the Twin Towers® unit
Sample capacity:	Varies with installed Alpha unit
Line voltage:	200-240VAC
Frequency:	50-60Hz
Power:	1600W maximum
Fuses:	Two 6.3A, 250V, 5 x 20mm
Displays:	One 1/4 size VGA screen (320x240), 16 colors
Ports:	One 9-pin RS-232 serial port One ethernet port
Memory:	8 MB
Weight:	11kg (base only)
Size:	48 x 29 x 15cm (l x w x h, base only)

Gradient Specifications (96 Alpha unit only)

Accuracy:	± 0.4°C of programmed target at end columns, 30 seconds after the timer starts for the gradient step, NIST–traceable
Column uniformity:	± 0.4°C, well–to–well within column, within 30 seconds of reaching target temperature
Calculator accuracy:	± 0.4°C of actual well temperature
Lowest programmable temperature:	30°C
Highest programmable temperature:	105°C
Temperature differential range for gradient:	1–24°C