
1.5 Specifications

Incubator

Temperature range	Ambient to 40 degrees C
Resolution	0.1 degree C
Uniformity with cover	Better than +/- .4 degrees C
Mechanism	Warmed aluminum bed
Warm up time	15 minutes typical, display temperature to check
Temperature detector	Thermistor, feedback, heuristic software

Mixer

Speeds	Gradual steps, from gentle agitation to vigorous mixing, eight speeds
Options	Continuous or pulse (three second interval)
Mechanism	Orbital mixing achieved by rotating counterweight

Timer

Modes	Set time, view time remaining, audible signal
Resolution	One second
Range	One second to 99 minutes and 59 seconds

Electronic

Display	Red, 7-segment, four digit LED
Keyboard	16-key, enunciating membrane switch, 4x4
Power requirements	12V AC, 2 amp, adaptor provided
Microprocessor	Z80A

Other

Vessel	Holds two standard microtiter plates
Enclosure	ABS plastic casing, metal base
Aerosol guard	Smoke-tint plexi-glass cover
Dimensions	Approximately 10 x 10 x 4" with cover, 10 pounds (26 x 26 x 10 cm, 4.5 kg)

Design and instrument specifications are subject to change without notice.