

AXYGEN[®]

MINIGENE

COMPACT THERMAL CYCLER



COMPACT.
INTUITIVE.
ECONOMICAL.

INNOVATION
& INTEGRITY

Small in size, Big in performance

Axygen's *MiniGene* may be small in size, but don't let that fool you. It is packed with the features found only on larger, more expensive thermal cyclers.

The *Axygen MiniGene's* powerful Peltier units provide ramp rates as fast as 5°C/second. An algorithm calculates sample temperature, based on volume, to control heating and cooling of the block. This means that samples reach programmed temperatures quickly, without any overshoot or lagging. Excellent accuracy and uniformity complete a package that produces quality results you can rely on.

Programming the *MiniGene* is simple and intuitive. The control pad combines function keys, a key pad and arrow keys for easy navigation and entering of parameters. The large graphical display is easy to read. In addition to the standard parameters of time and temperature, the software also allows for successive time and temperature increments and decrements (for touchdown amplification and auto-extension), auto-restart after a power failure and extended soaks at 4°C. One hundred programs, each with up to nine segments, can be stored in memory.

The *Axygen MiniGene* is available with either a 24 x 0.2 ml tube block (three 8 x 0.2ml strips) or 18 x 0.5 ml tube block. Blocks are easily interchanged. Units come standard with an adjustable heated lid. The lid features a slip gear to provide proper compression of tube and plate lids to prevent evaporation without deforming the sample containers.

Specifications

Capacity	24 x 0.2 ml tubes (three 8 x 0.2 ml strips) or 18 x 0.5 ml tubes	Program memory	100 programs
Programmable temp. range	4° to 99.9°C	Max cycles/segments	99 cycles/9 segments
Temp. accuracy/uniformity	±0.3°C/±0.5°C	Dimensions (WxDxH)	8.6 x 1.2 x 7 in 21.8 x 28.5 x 17.8 cm
Max. heating/cooling rate	5°C/4°C per second	Weight	7.1 lb/3.2 kg
Temperature control	Calculated or block	Electrical	120V/230V, 50/60 Hz

Ordering information

Catalog No.	Description
THERM-0224	MiniGene Thermal Cycler with 24 x 0.2 ml block, 120V
THERM-0224-230V	MiniGene Thermal Cycler with 24 x 0.2 ml block, 230V
THERM-0518	MiniGene Thermal Cycler with 18 x 0.5 ml block, 120V
THERM-0518-230V	MiniGene Thermal Cycler with 18 x 0.5 ml block, 230V

