THERMAL CYCLER GENE Q-24

with 18X05 or 24X02 blocks



The Gene Q series is a new line of genetic amplification instruments with a new simple and attractive design, with an intuitive and easy-to-use LCD Touch Screen. The structure is designed to last over time. Heated lid adjustable in height and pressure based on the type of actual use, for greater adaptability to different reaction tubes, which allows you to effectively prevent evaporation and contamination of reagents

	Ideal for high precision and uniform applications with Peltier technology.
	Automatic lid lock. Adjustable closing pressure.
	LCD display with Touch Screen with text and graphic view. USB access. Absorption function. HOTLID lid. Possibility to save up to 100 programs.

TheGene QThermal Cycler is a thermoelectric cooling thermal cycler. It features:

Highheating/cooling(heatingrate≥5.0°C/sec.,andcoolingrate≥4.0°C/sec.),which greatly reduces experimental time

Automatic temperature ramp control, which allows different heating/cooling ramp settings so that the device can emulate other thermal cycler‟s temperature control process

Automatic temperature and time increments/decrements during cycling program execution

optimizing the PCR amplification conditions

Automatic link among files, allowing a complex PCR amplification program to be executed

The soak mode at a temperature up to4°Cwithout human interference, after normal cycling program execution

Instant inspection of total execution time and remaining execution time

Optional heated lid, preventing the sample in a centrifugal tube from evaporation, which makes paraffin oil unnecessary and operation more convenient, and reduces the sample processing time

Auto-restart in case of power failure, restoring the data before interrupting and continuing to perform the previously interrupted program.

Technical data

TECHNICAL FEATURES

Sample capacity		24 x 0.2ml / 8 strip / 24 microplate
Temperature range	°C	Da 4 a 99.9
Heating speed (max)	°C/sec	≥ 5
Cooling speed (max)	°C/sec	≥ 4
Block uniformity	C°	≤±0.2
Blocking accuracy	C°	≤±0.2
Lid temperature	C°	Da 30 a 110
Max number of segments no		- 5
Max number of steps no		- 16
Max number of cycles no		- 99
Dimensions (WxDxH)	mm	345x250x270
Weight	kg	3.2
Interface		RS232
Power supply		V/HZ 220/50 VA 200
Security class		3.1
Protection class		IP 42

Code	Description
B0160410	THERMAL CYCLER GENE Q-24 with 18X05 or 24X02 blocks