

**TECHNE**

## TC-3000G Thermal Cycler

*Industry Leading 4 Year Warranty*



# TC-3000G Thermal Cycler

The TC-3000G; 3.3°C/sec heating rate, 4°C to 99°C temperature range, 48 x 0.2ml sample capacity, 30 x 0.5ml sample capacity, 100°C - 115°C selectable heated lid temperature, 13 x 7 x 7.5 inches dimensions, 230V / 120V power.



Licensed for PCR

### Technical Specification

Sample capacity (0.5ml)	48
Sample capacity (0.2ml)	30
User interchangeable blocks (tool required)	Yes
Heating rate	3.3°C/sec
Block uniformity at 50°C	±0.2°C
Temperature range	4°C to 99°C
Selectable heated lid temperature	100°C - 115°C
Heated lid enable/disable	Yes
Over-temperature cut-out	Yes
Number of programs	80
Password protection	Yes
Programming / display	4-line alphanumeric
Peltier elements / blocks	6
Dimensions L x W x H (inches)	13 x 7 x 7.5
Power	230V / 120V

### Gradient block >

A gradient of up to 15C between the temperatures of 20C and 80C can be set, allowing any protocol to be optimized within a single experiment.

### New software >

Enables a gradient to be added to any temperature step of the program.

### Gradient calculator >

This function displays the temperature for each of the 8 columns, ensuring easy replication of thermal conditions.

### Adjustable heated lid

The heated lid can now be adjusted for use with all PCR tubes, strip tubes or 48-well plates sealed with sealing mats.

### Rapid heating rate

Utilising the latest Peltier technology the TC-3000G has a heating ramp rate of 3.3°C/sec and a 2.0°C/sec cooling rate.

### Fast-track programming

Modern intuitive programming and ready-to-go templates means creating even the most complicated protocols is simple.

### PC control & networking

The TC-3000G can be linked together with other Techne cyclers; up to 32 cyclers can be networked to one computer.

### Ordering information

Code	Description
CA95045-204	Gradient thermal cycler TC3000G, 48 x 0.2ml
CA95045-208	Gradient thermal cycler TC3000G, 30 x 0.5ml

### Accessory blocks

95045-206	Block, 48 x 0.2ml
95045-210	Block, 30 x 0.5ml

