

TECHNE

TC-3000X Thermal Cycler

Industry Leading 4 Year Warranty





TC-3000X Thermal Cycler

The TC-3000X personal cycler is based on the unrivalled and reliable TC-3000. Designed for laboratories that need just that little bit more, with its expanded sample capacity to accommodate 48 x 0.2ml tubes or a 48-well plate.

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

Ordering information

Code	Description
FTC3X/02	Thermal cycler TC3000X, 48 x 0.2ml capacity
FTC3X/05	Thermal cycler TC3000X, 30 x 0.5ml capacity
Blocks	
FTC3X/02/B	Block, 48 x 0.2ml
FTC3X/05/B	Block, 30 x 0.5ml



Increased sample capacity

The footprint remains the same, only 561cm² but the capacity increases to 48 x 0.2ml or 30 x 0.5ml tubes.

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

