

Thermal Cycler, TC-3000X

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

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.

Technical Specification

	TC-3000X
Block formats	
0.5ml capacity	48
0.2ml capacity	30
Block Temperature	
Maximum ramp rate	3.3°C/sec
Block uniformity at 50°C	±0.2°C
Temperature range	4°C to 99°C
Peltier element/block	6
Heated Lid	
Selectable heated lid temperature	100°C to 115°C
Heated lid enable/disable	Yes
Programming	
No. of programs	80
Programming display	4-line alphanumeric
Auto restart on power failure	Yes
Dimensions L x W x H	330 x 170 x 190mm
Voltage	90-260V, 50-60Hz
Power	230W
Shipping Weight	6kg

Ordering Information

Product Code	Description
FTC3X/02	TC-3000X thermal cycler for 48 x 0.2ml microtubes, 100V/115V/230V
FTC3X/05	TC-3000X thermal cycler for 30 x 0.5ml microtubes, 100V/115V/230V
FTC3X/02/B	TC-3000X block for 48 x 0.2ml microtubes
FTC3X/05/B	TC-3000X block for 30 x 0.5ml microtubes



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