

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



TC-3000X



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Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.