

**TECHNE**

# TC-4000 Thermal Cycler



Bibby Scientific

The TC-4000 is one of the most affordable full sized thermal cyclers in the market, flexible for all your protocols and easy on your budget.

Licensed  
for **PCR**

Industry Leading  
4 year  
Warranty!



## High performance

High performance, high sample throughput model for maximum flexibility and economy; ideal for a large number of parallel samples.

## Versatile block format

The truly user-friendly fully interchangeable block system allows blocks to be exchanged in a matter of seconds without the need for any tools.

## Flexible heated lid

Defined pressure, programmable heated lid to accommodate a variety of consumables. The heated lid only comes on if the block is set above 35°C.

## Intuitive programming

4-line display with intuitive, simple-to-use software with alphanumeric programming, password protection, simple edit functions and much more.

## Unsurpassed control accuracy and temperature uniformity

8 Peltiers; using the innovative Quad Circuit Technology. Excellent heating rate and block uniformity ensure high reproducibility.

## Technical Specifications

<b>Block Formats</b>	
0.5ml sample capacity	60
0.2ml sample capacity	96
384-well	Yes
In-situ	Yes
<b>Block Temperatures</b>	
Maximum ramp rate	2.6 °C/sec
Block uniformity at 50 °C	<±0.3 °C
Temperature range	4 °C to 99 °C
<b>Heated Lid</b>	
Selectable temperature	100 °C to 115 °C
Enable/disable	Yes
Over-temperature cut-out	Yes
<b>Programming*</b>	
Number of programs	80
Password protection	Yes
Programming display	4-line alphanumeric
Auto restart on power failure	Yes
<b>Other</b>	
Dimensions, w x d x h, in.	8.7 x 16.5 x 10.2"
Voltage	230/115V, 50-60Hz
Power	620W
Shipping weight, lbs.	28.6

\*The TC-4000 can be connected to a PC along with other Techne cyclers for high throughput applications using Gensoft software, which can be downloaded for free from [www.techneusa.com](http://www.techneusa.com).

## Ordering Information

Item No.	Description
FTC4/05	TC-4000, 60 x 0.5ml, 230/115V
FTC4/H02	TC-4000, 96 x 0.2ml, 230/115V
FTC4/F02	TC-4000, 96 x 0.2ml fully-skirted*
FTC4/384	TC-4000, 384-well, 230/115V*
FTC4/FLAT	TC-4000, In-situ, 230/115V*
<b>Blocks</b>	
FTC41B5D	60 x 0.5ml block
FTC41BHD	96 x 0.2ml block
FTC41BFD	96 x 0.2ml fully-skirted plate*
FTC4B384	384-well plate*
FTC41BID	Flat plate block for In-situ*

\*Special order only.



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