Introducing the NEW Techne® 5Prime Thermal Cycler

A full sized thermal cycler that delivers both high performance and high throughput to provide maximum flexibility when processing a large number of samples in parallel. The Techne® 5Prime cycler range is one of the most affordable full sized thermal cyclers on the market and is backed up by a 4 year warranty*.

- Fast ramp rate of up to 3.4°C/sec
- A versatile, fully interchangeable block system allows exchange in a matter of seconds without the need of tools.
- User friendly programming is achieved via a colour touchscreen and intuitive software that is standardised across the entire Techne thermal cycler range.
- A real time graphical display provides an instant visualisation of the program status.
- A USB port enables the transfer of programmes between instruments and temperature logs to your PC.
- Gradient cycling can be achieved directly using the 5PrimeG instrument or by upgrading the 5Prime base unit.

TECHNE

www.techne.com

Find out more!!!

Please scan the QR/Mobile Tag with your smartphone for more information

A Bibby Scientific Brand

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	5Prime
Sample capacity: 0.2ml	96
Sample capacity: 0.5ml	60
Sample capacity: 384 well	Yes
Maximum heating rate	3.4°C/s
Block temperature range	4 °C to 100°C
Block uniformity at 50°C	<±0.3°C
Temperature accuracy at 50°C	<±0.2°C
Gradient Range	30°C to 80°C
Maximum Gradient	29°C (19°C for 384)
Minimum Gradient	1°C
Type	8 peltier element/block
Maximum cooling rate	2.6°C/s
Selectable heated lid temperature	100 °C to 115°C or off
Heated lid pressure	Adjustable, dependent on consumables
Program interface	5.7" VGA colour touchscreen with graphical display
Maximum number of programs stored	1000
Data transfer	USB port
Auto re-start on power failure	Yes
Dimensions (L x W x H)	420 x 240 x 240mm
Weight	9.4kg
Voltage	100-230V, 50-60Hz
Power	450W

Ordering Information

Product Code	Description
5Prime/02	5Prime thermal cycler, 96 x 0.2ml
5Prime/05	5Prime thermal cycler, 60 x 0.5ml
5Prime/384	5Prime thermal cycler, 384 well plates
5PrimeG/02	5PrimeG gradient thermal cycler, 96 x 0.2ml
5PrimeG/05	5PrimeG gradient thermal cycler, 60 x 0.5ml
5PrimeG/384	5PrimeG gradient thermal cycler, 384 wells
5PrimeX/USB	5Prime Gradient Upgrade

* 4 year for the 5Prime thermal cycler and 80,000 cycles or 4 year warranty for the thermal block, whichever comes first. Purchase of this instrument conveys a limited, non-transferable immunity from suit for the purchaser's own internal research and development and applied fields other than human in vitro diagnostics under non-real-time thermal cycler patents of Applied Biosystems LLC.

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