

Thermal Cycling at a Glance

Techne® have an established thermal cycler range providing easier programming and increased instrument flexibility. The Prime range has been designed to enhance the user experience with an outstanding touch interface and identical software for all models. The new range provides high performance, exceptional value and a reliability backed by the market leading 4 year warranty.



Model	³ Prime	³ PrimeX	³ PrimeG	Prime	PrimeG	Prime Elite	Prime Elite Satellite
Block formats	24x 0.2ml 18x 0.5ml	48x 0.2ml 30x 0.5ml	48x 0.2ml 30x 0.5ml	96x 0.2ml 60x 0.5ml 384 well plate	96x 0.2ml 60x 0.5ml 384 well plate	96x 0.2ml 60x 0.5ml 384 well plate	96x 0.2ml 60x 0.5ml 384 well plate
Interchangeable blocks	-	-	-	•	•	•	•
Maximum ramp rate	3.0°C	3.0°C	3.0°C	3.4°C	3.4°C	5.0°C	5.0°C
Temperature accuracy*	<±0.25°C	<±0.25°C	<±0.25°C	<±0.25°C	<±0.25°C	<±0.2°C	<±0.2°C
Temperature uniformity*	<±0.3°C	<±0.3°C	<±0.3°C	<±0.2°C	<±0.3°C	<±0.3°C	<±0.3°C
Program Interface	3.5" VGA touch screen	3.5" VGA touch screen	3.5" VGA touch screen	5.7" VGA touch screen	5.7" VGA touch screen	5.7" VGA touch screen	Programmable via Prime Elite or PC Workbench software
Stored programs	1000	1000	1000	1000	1000	1000	1000
Networking capability	-	-	-	-	-	•	•
Adjustable heated lid	Fixed	•	•	•	•	Automatic	Automatic
Gradient Range	-	Can be upgraded to ³ PrimeG spec	30 - 80°C	Can be upgraded to PrimeG spec	30 - 80°C	0 - 100°C	0 - 100°C
Max Gradient	-	-	14°C	-	29°C (19°C for 384)	30°C	30°C
Dimensions (w x d x h), mm	210 x 350 x 180	210 x 350 x 180	210 x 350 x 180	240 x 420 x 240	240 x 420 x 240	276 x 375 x 312	276 x 375 x 312
Licensed for PCR	•	•	•	•	•	•	•
Warranty	4 years or 80,000 cycles	4 years or 80,000 cycles	4 years or 80,000 cycles	4 years or 80,000 cycles	4 years or 80,000 cycles	4 years or 100,000 cycles	4 years or 100,000 cycles

* Recorded at 55°C for ³Prime and Prime and 50°C for Prime Elite

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