

Thermal Cycling at a Glance

Techne® have upgraded our established thermal cycler range to provide 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.



Personal Cycler

Mid-sized Cycler

Full-sized Cycler

Network Connectivity

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

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

4 years

4 years

4 years

4 years