

Technical Specification:

Parameters	Prime	PrimeG
Sample capacity: 0.2ml	96	96
Sample capacity: 0.5ml	60	60
Sample capacity: 384 well	Yes	Yes
Maximum heating rate	3.4°C per second	3.4°C per second
Block temperature range	10°C to 100°C (4°C final hold)	10°C to 100°C (4°C final hold)
Block uniformity at 55°C	± 0.3°C	± 0.3°C
Temperature accuracy at 55°C	± 0.25°C	± 0.25°C
Gradient	Can be gradient enabled	Yes
Maximum Gradient	na	29°C, 25°C (Combi-Block), 19°C (384)
Minimum Gradient	na	1°C
Maximum number of programs stored	1000	1000
Maximum fan noise	30dB	30dB
Type	8 peltier elements	8 peltier elements
Adjustable heated lid temperature	35°C to 115°C or off	35°C to 115°C or off
Heated lid pressure	Adjustable, dependent on consumables	Adjustable, dependent on consumables
Program interface	5.7 inch touchscreen	5.7 inch touchscreen
Data transfer	USB port	USB port
Auto re-start on power failure	Yes	Yes
Dimensions (L x W x H)	420 x 240 x 240mm	420 x 240 x 240mm
Weight	9.4kg	9.4kg
Voltage	100-230, 50-60Hz	100-230, 50-60Hz
Power	425W	425W
Electricity used in a standard 2 step, 30 cycle program	0.3 kWh	0.3 kWh

