

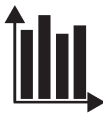
abCycler

Thermocycler System



Fits your PCR requirements

REPRODUCIBILITY



- Gradient technology to ensure identical ramp rates in both gradient and normal modes
- Wide gradient range (0.2°C – 20°C) across the block

POWER FAILURE PROTECTION



- Unique power-off protection function that saves all set configurations and allows resumption of experiment after unexpected power-offs

EASY OPERATION



- User friendly interface with intuitive graphic programming
- System configured with 7" LCD touch screen and one touch command for most operation

SMART DESIGN



- Compact design with small foot print
- Specially designed lid that reduces evaporation during PCR runs
- Able to accommodate wide variety of PCR consumables

Technical Specifications

Model	abCycler
Catalogue No.	800710
Thermoblock	Aluminium
Sample Capacity	96 x 0.2 mL PCR tubes 1 PCR plate 8x12 (No skirt, Semi skirt, Full skirt)
Temperature control range of the block	4°C – 99.9°C
Temperature control mode	Tube mode & block mode
Heating technology of the block	Peltier elements
Gradient block	12 rows (horizontal)
Gradient range	0.2°C – 20°C
Gradient temperature range	30°C – 99°C
Lid temperature range	40°C – 110°C
Block homogeneity: 20°C – 72°C 95°C	± 0.2°C ± 0.3°C
Block temperature accuracy	± 0.1°C
Heating rate *	MAX 4.5°C/s
Cooling rate *	MAX 4.5°C/s
Interfaces	USB, Ethernet
Dimensions (W x D x H)	260mm x 400mm x 260mm
Weight	12kg
Power supply	AC 100 – 240V, 50 – 60Hz
Max. power consumption	600W

