

THERMAL CYCLERS

MODEL: SWIFT® MAXI THERMAL CYCLERS (SWT-MX-BLC)

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Feature

- The long life Peltier designed by Ferrotec ensures lifetime and high performance of the equipment.
- 8 interchangeable Blocks with different sample formats meet all critical requirements
- Automatic block recognition software to minimize the need for manual settings.
- Multiple temperature control methods for increased assay flexibility
- Thermal gradient feature available for optimizing reactions
- 3 Independently controlled dual blocks allow one unit run two different programs simultaneously, or independently.
- Powerful software meet a variety of experimental requirements, such as gradient PCR, Touch down PCR, time release PCR, in situ PCR and so on.
- Easy, graphic programming for temperature, holding time, ramp rate, pause and other functions.
- Large-screen interface for all functions.
- Automatic restart to save setpoints and resume process in the event of power interruption.
- Adjustable ramp rates to 4°C /sec., Adjustable Hot lid suits all kinds of tubes.
- Available software updates can be downloaded via Internet.
- Long warranty period.



Specification

Main body Model Code	SWT-MXB							
Block Code	SWT- MX-BLC-1	SWT- MX-BLC-2	SWT- MX-BLC-3	SWT- MX-BLC-4	SWT- MX-BLC-5	SWT- MX-BLC-6	SWT- MX-BLC-7	SWT- MX-BLC-8
Sample Capacity	96×0.2ml	60×0.5ml	30×0.5ml + 30×0.5ml	48×0.2ml + 48×0.2ml	30×0.5ml + 48×0.2ml	384 Wells plate	96×0.2ml	4 slide, in situ plate
Temperature Range	4°C - 99°C							
Cooling Rate(max)	4.0°C					3.0°C	4.0°C	1.8°C
Cooling Rate(max)	3.5°C					1.8°C	3.5°C	1.8°C
Temperature Uniformity	+/-0.4°C (55°C)							
Temperature Accuracy	+/-0.2°C (55°C)							
Max. Gradient	/	/	/	/	/	/	30°C	/
Min. Gradient	/	/	/	/	/	/	1°C	/
Temp. Control Mode	Block mode or (simulated)Tube mode							
Program Storage	99 Files							
Max. Segment	16 Segments							
Max. Section	5 Section							
Max. Cycles	99 Cycles							
Display	4.7" LCD							
Graphic Display	Yes							
Hot lid Temp. range	30°C - 110°C							/
Voltage	110V+/-10V, 50/60Hz or 220V+/-20V, 50/60Hz							
Dimension	470 × 340 × 260mm (L×W×H)							
Weight (KG)	10							
Fuse	250V 8A Ø5×20							
PC Interface	RS232							