



ThermoCell Mixing Block



ThermoCell Mixing Block combines the functions of mixing and temperature control, providing a convenient means to incubate and react samples. This unit employs Peltier Effect heat exchange technology to provide accurate, stable temperature control. It can be used with a selection of interchangeable blocks for plates and tubes.

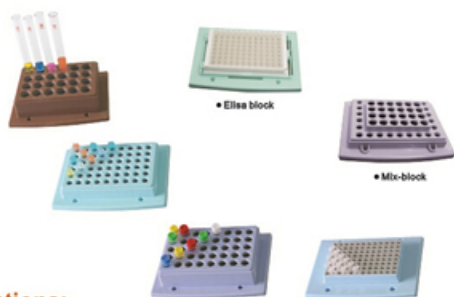
Features:

- ▷ Accurately control and monitor time, temperature and speed.
- ▷ Exact temperature control with PID circuit.
- ▷ Gentle, reliable mixing with long-life direct current motor.
- ▷ Low noises working even under the speed of 1,500rpm.
- ▷ Special damping provides quiet operation even at high speeds.
- ▷ Choose from several standard sample blocks for plates or tubes.
- ▷ Custom blocks are available to satisfy special experimental requirements.
- ▷ Large VFD display and simple controls provide a user-friendly interface.
- ▷ Conforms to CE safety standard.



- MB-101
- MB-102

Custom blocks available.



Specifications:

Name	ThermoCell series MIXING BLOCK
Model	MB-102 (MB-101)
Temp. Setting Range	0~105℃
Temp. Control Range	RT. -14℃~100℃
Timing Range	1min-99h59min
Mixing Speed	300rpm-1500rpm(rotation)
Mixing Amplitude	3mm
Temp. Control Accuracy	≤ ±0.5℃
Display Accuracy	≤ ±0.5℃
Temp. Uniformity	≤ ±0.5℃
Heating Time	≤ 12min (from 20℃ to 100℃)
Cooling Time	≤ 8min (from RT. to RT. -10℃) ≤ 15min (from 100℃ to RT. +10℃)
Standard Block	A:40×1.5ml; B:54×0.5ml; C:96×0.2ml; D:24×Φ15mm;H:40×2.0ml; G:26×0.5ml+24×1.5ml; J:Elisa Block
Dimension (mm)	328×249×166 (L×W×H)
Net Weight	8.5kg
Power Supply	MB-102: AC220V±22V 50/60Hz ±1Hz 150W MB-101: AC110V±11V 50/60Hz ±1Hz 150W

* Note: RT. :Room Temperature: (20℃~25℃)