

Thermo Shaker

MB100-2A/MB100-4A Thermo Shaker for Microplates MK100-2A/MK100-4A Incubator for Microplates

The MB100-2A/MB100-4A and the MK100-2A/MK100-4A are designed for shaking 1-4 standard 96-well plates in the thermostat mode. These machines used the multi-principle, which allows they can be used as 2 independent devices:

1. Incubator for lasting incubation without shaking of micro-quantities (insect, plant cell cultures, etc.) in immunoplates (MK100-2A/MK100-4A)
2. Microplate thermo-shaker for immunochemistry and molecular diagnostics, especially when requires good result reproducibility and precise method regulation are particularly high (MB100-2A/MB100-4A).

A distinctive feature for the MB100-2A/MB100-4A and MK100-2A/MK100-4A is two-side heating of microtest plates that allows achieving exact correspondence of the set and actual temperature in wells of the microtest plates.

■ Features:

1. LCD display. It is easy to set up and use
2. Heating plates above and below the microplates
3. Incubation up to 70°C in 0.1°C steps
4. Shakes and incubates two or four microplates simultaneously
5. Beep-signal and stop of shaking motion after program completion
6. Excellent temperature accuracy and uniformity across the plate

■ The devices can be used in:

1. Cytochemistry — for in situ reactions
2. Immunochemistry — for immunofermentative reactions
3. Biochemistry — for enzyme and protein analysis
4. Molecular chemistry — for matrix analysis

■ Specification:

Model	MB100-2A	MK100-2A	MB100-4A	MK100-4A
Temperature Control Range	RT+5°C~70°C	RT+5°C~70°C	RT+5°C~70°C	RT+5°C~70°C
Temperature Setting Range	5°C~70°C	5°C~70°C	5°C~70°C	5°C~70°C
Timer	1min~99h59min	1min~99h59min	1min~99h59min	1min~99h59min
Temp. Control Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Display Accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Shaking Speed	100~1200rpm	----	100~1500rpm	----
Heating Time(20 to 70°C)	≤25min	≤25min	≤25min	≤25min
Platform Capacity	2 plates	2 plates	4 plates	4 plates
Mixing Orbit	2mm	----	2mm	----
Dimension(mm)	280 x 270 x 150	280 x 270 x 150	320 x 350 x 185	320 x 350 x 185
Net Weight	6.5kg	4kg	9kg	8kg

Code	Description
AS-03030-00	MB100-2A AC100 ~240V, 50/60Hz, 150W
AS-01140-00	MK100-2A AC100~ 240V, 50/60Hz, 150W

Code	Description
AS-03020-00	MB100-4A AC220V or AC120V, 50/60Hz, 300W
AS-01060-00	MK100-4A AC220V or AC120V, 50/60Hz, 200W



MB100-2A
MK100-2A



MB100-4A
MK100-4A