

# 02 Thermo Shaker for Microplate Series

## MX100-4A Microplate Shaker

The microplate shaker is driven by a DC brushless motor, which is mainly used for microplate (96-well / 384-well plate), cell culture plate (24-well plate, 48-well plate, 96-well plate, etc.) and 1.5 / 2.0 mL centrifuge test tube and other solutions to mix and shake.



### LCD

LED displays time and speed; it's easy to accurately set and reproduce experimental conditions.

### Self-recovery

Power failure self-recovery function, the device can automatically resume operation according to the originally set procedure after power failure recovery. The experimental conditions are consistent and the results are stable.

### Tube Rack

Optional 2.0 / 1.5 mL centrifuge tube rack, which can mix up to 80 centrifuge tubes at the same time.



Mixing orbit 3 mm, with an excellent sample mixing ability.

### CE

Multiple safety protection functions, conforming CE safety standards, safe and reliable.

## Specification

### MX100-4A

Mixing orbit	3 mm
Shaking speed setting accuracy	10 rpm
Shaking speed	200~1500 rpm standard microplate 200~1000 rpm deepwell plate or tube holder
Timer range	1 min~99 h59 min
Power supply	AC 220 V
Dimension (mm)	290×270×120
Weight	6.5 kg

## Ordering Information

Code	Description
AS-04040-00	MX100-4A microplate shaker
AS-02041-01	20×1.5 mL tube holder (optional)
AS-02041-02	20×0.5 mL tube holder (optional)

## MB100 / MK100 Microplate Thermo Shaker

MB100 series: 96-well thermo shaker

MK100 series: 96-well incubator for microplate, no shaking function

MB100 / MK100 microplate thermo shaker is designed for shaking or incubation of 1-4 standard 96-well plates. The typical feature of this series is two-side heating of microplates, so that each well of the microplate can be heated evenly.



### LCD

LCD displays the setting, actual temperature, time and shaking speed; it's easy to accurately set and reproduce experimental conditions.

### Thermo Lid

Two-side heating of microplates allows each well of the microplate to be faster and more evenly heated.

### Efficient Precise

Exclusive patented technology and shake proof technology support accurate and efficient mixing and temperature control, with programmable functions to improve experiment repeatability.



Mixing orbit 2 mm, coordinating the shaking speed, forms a 2D mix and has an excellent sample mixing ability.

### CE

Multiple safety protection functions, conforming CE safety standards, safe and reliable.

## Specification

Specification	MB100-2A	MK100-2A	MB100-4A	MK100-4A
Temp. control range	RT. +5 °C~70 °C	RT.+5 °C~70 °C	RT.+5 °C~70 °C	RT.+5 °C~70 °C
Timer range	1 min~99 h59 min	1 min~99 h59 min	1 min~99 h59 min	1 min~99 h59 min
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	100~1200 rpm	----	100~1500 rpm	----
Heating time (20 to 70 °C)	≤20 min	≤20 min	≤20 min	≤20 min
Capacity	2 microplates	2 microplates	4 microplates / deepwell plates	4 microplates / deepwell plates
Mixing orbit	2 mm	----	2 mm	----
Dimension (mm)	280×270×150	280×270×150	320×350×185	320×350×185
Weight	6.5 kg	4 kg	9 kg	8 kg

## Ordering Information

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

Code	Description
AS-03020-00	MB100-4A, AC120/220 V, 50/60 Hz, 300 W
AS-01060-00	MK100-4A, AC120/220 V, 50/60 Hz, 200 W