

Thermo Shaker



Introduction:

It is a multipurpose thermostatic shaker controlled by brushless DC motor. Its PID intelligent temperature control technology ensures the temperature accuracy, automatically adjusts the heating rate and reduces waiting time. Heating lid independent temperature control function can effectively prevent sample evaporation and cross-infection. It is the ideal automation tool for sample incubation, catalysis, blending and preservation.

Features:

- * LCD display. It is easy to setup and use.
- * Accurate temperature control, high stability.
- * Heating lid independent temperature control function can effectively prevent sample evaporation and cross-infection.
- * Built-in fan reduces sample cooling time.
- * Optional blocks are available for common laboratory tubes and plates. Custom blocks are also available upon request.
- * Brushless DC Motor: noiseless long service life maintenance-free.
- * Automatic preheating function.
- * Auto resume to run after power failure.
- * Automatic running function.
- * Short mixing function.
- * Built-in temperature calibration function.
- * Built-in over-heating protection device, safe and reliable.

Technical Parameters:

Model	BK-MSP1000
Temp. Setting Range	0°C~105°C
Temp. Control Range	RT.+5°C~105°C
Time Range	1sec~99min59sec/1min~99h59min/∞
Temp Accuracy	≤±0.3°C
Display Accuracy	0.1°C
Temp Uniformity	≤±0.3°C
Speed Range	200~3000rpm
Orbit	2mm
Heating Time	≤10min(from 25°C to 100°C)
Fan Cooling Time	≤12min(from 100°C to 37°C)
Heating Lid Temp. Setting Range	OFF/AUTO/0°C~110°C
Heating Lid Temp. Control Range	RT.+5°C~110°C
Heating Lid Heating Time	≤10min(from 25°C to 110°C)
Heating Lid Independent Temp. Control Function	Yes
Auto Fan Function	Yes
Program Number	10programs(S0~S9)
Multi Point Running	Yes(Max 5points)
Multi Cycle	Yes(Max 99times)
Auto Heating	Yes
Auto Constant Temperature at the End of Run	Yes
Heating Lid Mode	Automatic/ Manual
Auto Running	Yes
Auto Resume to Run	Yes
Delay Timing Function	Yes
Standard Accessories	MD30/ MD31/ MD32/ MD33/MD34(Choose any one of them)
Consumption	335W
Power Supply	AC220, 50/ 60Hz; AC110, 50/ 60Hz
External Size(W*D*H)	296*212*164mm
Net Weight	6.6kg
Packing Size(W*D*H)	410*350*240mm
Gross Weight	8kg

Optional Blocks:

Type	Capacity	Max. Speed
MD30	96*0.2ml PCR Plate	2500rpm
MD31	54*0.5ml centrifuge tube	2500rpm
MD32	35*1.5ml centrifuge tube	2500rpm
MD33	35*2.0ml centrifuge tube	2500rpm
MD34	20*1.5ml+15*0.5ml	2500rpm
Without block	Elisa plate/Deep-well plate/ Tissue culture plate	3000rpm