

## Elisa Microplate Washer BK-9622&BK-9613

### Features:

- ①. Microcomputer control, automatically complete the plate washing operation.
- ②. The liquid level sensing function automatically detects the liquid level, and automatically alarms when the cleaning liquid is insufficient and the waste liquid is overflowing.
- ③. The user-friendly operating system allows users to customize the plate type, set the number of washes, the amount of wash solution, the way to wash the plate, the suction point, the soaking and shaking time and other parameters.
- ④. The wash head is self-balancing, has two-point aspiration, and performs bottom flushing.
- ⑤. 2 kinds of automatic washing, soaking and shaking, to reduce the interference adsorption during the reaction and time is adjustable.



BK-9613



BK-9622

### Parameters:

Model	BK-9622	BK-9613
Cleaning Head	8 channels and 12 channels	96 pins, single row controllable
Microplate Types	Four kinds, flat bottom, U bottom, V bottom, round bottom	
Average Residue	<1μl(per hole)	<0.7μl(per hole)
Liquid Suction Time	0.1~999.9 seconds adjustable, with an interval of 0.1 seconds	
Line Flush Time	1~999 seconds, adjustable	
Washing Programs	Up to 200 programs	
Display	7-inch touch display	
Standard Bottles	5pcs: 1.5L, 1pc; 4L, 4pcs	
Liquid Injection Channels	3 (2 types of lotion and 1 type of distilled water)	
Cleaning Needle Position	6 types (horizontal, left, middle, right, bottom, hole spacing)	
Consumption	80W	350W
Power Supply	AC220V±10%, 50/60Hz; AC110V±10%, 60Hz	
Packing Size(W*D*H)	720*480*400mm	740*675*562mm
Gross Weight	20kg	42kg

Remark: Suitable microplate for BK-9622: maximum 131\*89mm, minimum 120\*83mm.

BK-9613 cleaning head: Single row 8-channel or single row 12-channel control can be chosen according to the requirement.

## Microplate Shaker BK-MS200&BK-MS300



BK-MS200



BK-MS300

### Introduction:

It is with technique of brushless DC motor and PID intelligent temperature control. Mainly used for shaking and cultivation in Elisa plates (96/384 wells) or 96 wells tissue culture plates.

### Features for BK-MS200:

- ①. LCD displays system status and parameters.
- ②. Stable and reliable operation with high quality switch.
- ③. Easy to operate with one touch knob.
- ④. Set-up the time within 0~100hours, instrument will make alarm voice when completing.
- ⑤. With power recovery, instrument will be continuous to run when power recovers from outage.

### Features for BK-MS300:

- ①. Easy to set up and use, all information real-time display and showing setup operation, convenient to observe equipment running status.
- ②. Support standard microplates and deep well plates.
- ③. Brushless DC motor, low noise, small interference, free maintenance.
- ④. Automatic preheating function.
- ⑤. Automatic power recovery function.
- ⑥. Temperature calibration function.
- ⑦. Built-in software and hardware over temperature protection device, will use more reliable.

### Parameters:

Model	BK-MS200	BK-MS300
Temp. Setting Range	0~80°C	
Temp. Control Range	RT+5~80°C	
Timing Range	1min~99h59min/∞	
Temp. Accuracy	≤±0.5°C	
Display Accuracy	0.1°C	
Temp. Uniformity	≤±0.5°C	
Shaking Speed	200~1600rpm	200~1350rpm
Orbit	3mm	
Capacity	2pcs of microplates or culture plates	4pcs of microplates or deep-well plates
Heating Time	≤10min(from RT. to 80°C)	≤15min(from 25°C to 80°C)
Power	150W	300W
Power Supply	220V 50/60Hz; 110V 50/60Hz	
Dimension	280*270*140mm	340*320*200mm
Net Weight	7.0kg	9.5kg
Packing Size	410*350*240mm	460*440*300mm
Gross Weight	7.8kg	11.08kg