

MICROPLATE WASHER



MICROPLATE WASHER

Microplate Washer are laboratory instruments designed to control the procedure of washing experimental samples arranged in plate-based formats. A dependable washer is quiet easy to clean and leaves no residue, preventing contamination and reducing background.

Used in Laboratory Microplate Washer.

MRW21-232 MICROPLATE WASHER

Easy Windows operation system, large LCD display.

Washes flat, U and V-bottom strips and plates.

12-way or 8-way manifold, automatic and manual positioning.

Large memory up to 50 wash protocols can be programmed.

Automatic monitoring for vacuum and pressure, automatic rinse cycle.

Washing pressure volume and time adjustable.

Liquid level detection and alert function.

No special airtight bottle required for wash bottle.

Easy maintenance.



SPECIFICATIONS

Model	MRW21-232
Display	5 inch LCD
Interface	RS-232 serial port
Power Supply	a.c. 100V-240V, 50 Hz/60 Hz
Dimension	390Lx330Wx177H mm
Plate Type	96-well plate or- 48-well plate or strip
Dispense Precision	CV<2%
Residual Volume	<3 ul
Washing Volume	50-3000ul for 8-way manifold 50-2000ul for 12-way manifold
Washing Cycle	Maximum 99 cycles
Strip Washing	1 to 12 channels adjustable
Soaking Time	0-24 hr
Bottle Capacity	2 litres each
Memory	50 washing protocols
Net Weight	9 kg

MRW22-232 MICROPLATE WASHER

User friendly operation system with large LCD display.
Washes flat, U and V-bottom strips and plate.
12-way or 8-way manifold, automatic and manual positioning.
Large memory, up to 100 wash protocols can be programmed.
Multi-channel, 1 or up to 3 for wash, 1 for rinse and 1 for waste.
Plate shaking function, time and speed are adjustable.
Two 96-well plate incubation positions (optional).
Liquid level detection and alert function.
Easy maintenance.



SPECIFICATIONS

Model	MRW22-232
Display	Large LCD
Interface	RS-232
Power Supply	a.c. 110V-220V, 50 Hz
Dimension	450Lx390Wx190H mm
Plate Type	96-48-well plate or strip
Residual Volume	<3 ul
Washing Volume	10~3000ul/well, 1ul by step
Washing Cycle	Maximum 99 cycles
Strip Washing	1 to 12 strips programmable
Soaking Time	0~24 hr
Shaking Time	0~24 hr
Memory	99 washing protocols
Wash Channels	5 channels, 1 or upto 3 for wash 1 for rinse and 1 for waste
Net Weight	13 kg
Incubator Temperature(optional)	25°C, 30°C, 37°C

MRW23-232 MICROPLATE WASHER

96-way manifold, automatic and manual positioning.
Multi-channel, 3 for wash, 1 for rinse and 1 for waste.
Plate shaking function, time and speed are adjustable.
User friendly operation system with large LCD display.
Washes flat, U and V-bottom strips and plate.
Large memory, up to 100 wash protocols can be programmed.
Liquid level detection and alert function.
Easy maintenance.



SPECIFICATIONS

Model	MRW23-232
Display	Large LCD
Interface	RS-232
Power Supply	a.c. 110/220V±10%, 50±1 Hz
Dimension	610Lx460Wx240H mm
Plate Type	96-well plate or strip
Residual Volume	<1 ul
Washing Volume	50~3000ul/well, 10/50 ul continuously adjustable
Washing Cycle	Upto 99 cycles
Strip Washing	Wash 2 plates at a time, 1-8 strips programmable
Soaking Time	0~24 hr
Shaking Time	0~24 hr
Memory	100 washing protocols and 10 plate protocols
Wash Channels	5 channels, 3 for wash, 1 for rinse and 1 for waste
Net Weight	23.8 kg

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