

# MR-96A

Microplate Reader



# MR-96A

Microplate Reader

- Touch-screen, 7.8" large color LCD display
- Opaque lid to prevent stray light
- Built-in thermal recorder, optional external printer
- Non-volatile memory stores up to 20,000 results
- Multiple Curve-fitting options
- Variable time and Speed shaking modes
- Fully automatic Bi-chromatic optical system
- Extensive report with patient information
- Long life lamp with lamp saver feature
- Powerful data management software(optional)

MR-96A

# MW-12A

Microplate Washer



# MW-12A

Microplate Washer

- Compatible with Flat, U- or V-bottom plates
- 2 wash modes for 8- and 12-well strips
- Automatic bottom detection and collision protection
- Variable Shaking and Soaking time
- Up to 100 user-defined protocols
- Sweep function with aspiration
- On-board automatic self-diagnostic program
- Automatic liquid monitoring system

MW-12A

# MR-96A

## Microplate Reader

### Technical Specifications

Detection method	Absorbance
Microplate types	96/48-well plate
Reading speed	5 sec Single wavelength, 12 sec Double wavelength
Wavelength range	400~700nm
Measurement system	8-channel optical system
Light source	Halogen-tungsten
Reading range	0.001~3.500 Abs
Measurement range	0.001~2.500 Abs
Photometric accuracy	0~0.2 A 0.001 Abs
Wavelength accuracy	±2nm
Repeatability	< 1%
Stability	< 0.005 Abs / 10 min
Linearity	0~1.5 A < 1.0%
Filters	405nm, 450nm, 492nm, 630nm
Connection port	1 x RS232, 2 x USB
Shaking	Variable speed and Time shaking modes
Input	Touch screen
Display	Large color LCD display
Size	437mm x 332mm x 174mm
Weight	8.5 Kg



# MW-12A

## Microplate Washer

### Technical Specifications

Wash programs	up to 100
Wash cycles	0 to 9
Dispensing volume	50 µL to 3000 µL
Bottom collision protection	Automatic
Residual volume per well	< 2 µL
Soaking time	0 to 300 seconds
Shaking time	0 to 300 seconds
Multiple options	1 x 8, 1 x 12
Standard bottle set	2 x 2L (detergent), 1 x 2L (Waste) 1 x 2L (distilled water)
Power supply	AC100-240V, 50/60Hz
Temperature	5°C~35°C
Humidity	15~85%
Dimension	400mm (L) x 330mm (W) x 145mm (H)
Weight	7.2 Kg



Authorized Distributor

**Golden**  
Harvest Industries

[Pioneer in Medical Diagnostics]

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