

# M-200

## Microplate Reader

### Technical specifications

#### System function

Readout range:	0.000~4.000Abs
Plate type:	96-well plate
Measure system:	8-channel optical system
Wavelength:	405, 450, 492, 630nm, two more options
Bandwidth & accuracy:	8nm ± 2nm
Light source:	Monochromatic LED
Reading speed:	5s with single wavelength for whole plate
Repeatability:	<1%
Linearity:	R≥0.995
Stability:	<1%
Linearity:	<0.005Abs/10 min
Shaking:	3 shaking modes with variable time
Input:	Mouse, Membrane keyboard, Touch screen

#### Display

7" TFT LCD, 800X480 pixels

#### Printer

Built-in printer, external printer

#### Working conditions

Power supply:	AC 100~240V, 50/60Hz
Temperature:	10°C~35°C
Humidity:	15%~85%

#### Interface

RS-232, 4 USB ports, SD card

#### Dimension (mm)

400(L) x 310(W) x 169(H)

#### Weight

6 kg

### Options



Keyboard



External Printer



Touch Screen



Labfriend software



Barcode reader



Flash disk

### PRODUCT MANUFACTURED BY EASTMED

AN ISO9001;2008 CERTIFIED COMPANY

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**EASTMED**

PROFESSIONAL LABORATORY  
EQUIPMENT MANUFACTURER



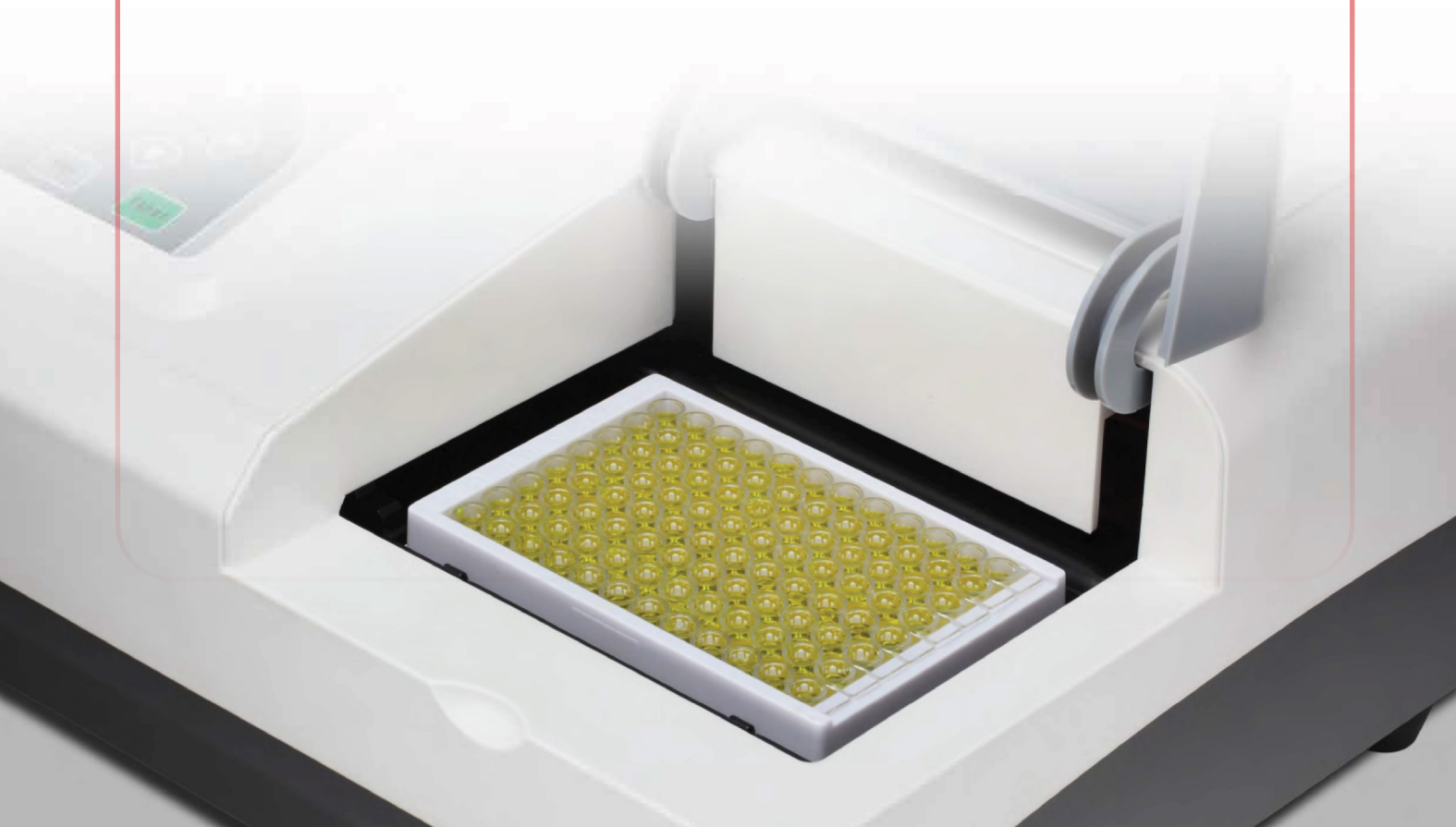
# M-200

## Microplate Reader

Designed with LED light technology, Chemi Scan is green, economical and in line with the trend of environment friendly development

### Features

- 7" TFT LCD screen
- Test results simultaneous displayed in screen
- LED light source with lifespan over 100,000 hours
- Bichromatic, 8-channel optical system
- Large storage capacity up to 200 test protocols and 100,000 results
- 3 shaking modes with variable time
- Windows operation system
- Self-check, malfunction alarm



# M-200

## Microplate Reader

### Applications

- Pesticide residue in food
- Melamine
- Hormone, such as T3, T4 and TSH
- Test Giant cell IgG antibody, Toxoplasm IgG antibody, Rubella IgM antibody, Fever blister 1-IgM antibody and Fever blister 11-IgM antibody
- Cancer marker, Typhoid fever, Paratyphoid fever
- Sexually transmitted disease (Gonorrhea, Syphilis, HIV) and Hepatitis (HepatitisA, Hepatitis-B, Hepatitis-C)
- Fetal antibody and vaccinum reaction, etc

