

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

190# longping Road,Huate Industrial Zone,longgang District,Shenzhen ,GuangDong China 518116

0755-33275355
0755-22658200



info@east-medical.com
www.east-medical.com



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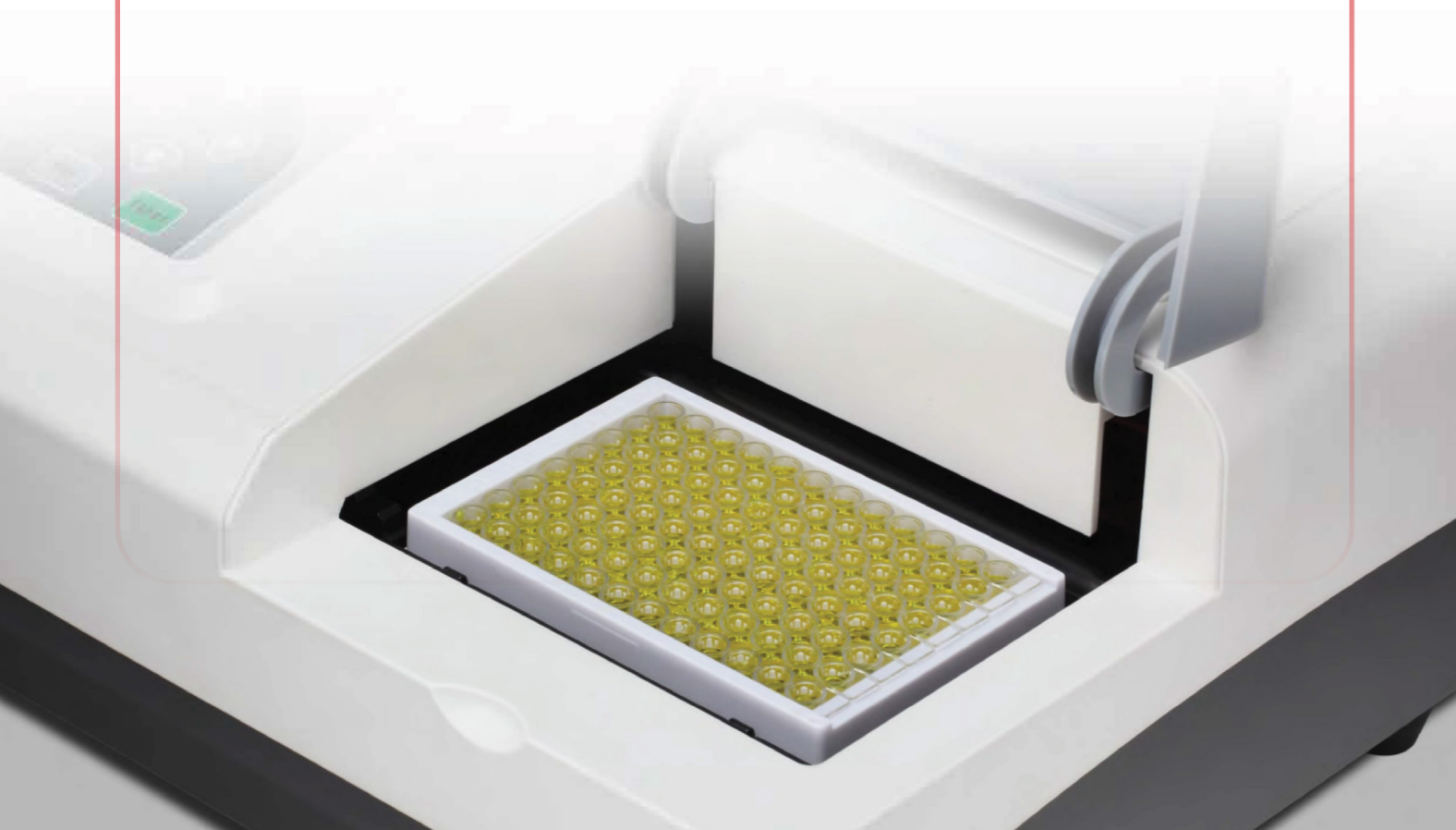
M-200

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 I-IgM antibody and Fever blister II-IgM antibody
- Cancer marker, Typhoid fever, Paratyphoid fever
- Sexually transmitted disease (Gonorrhoea, Syphilis, HIV) and Hepatitis (Hepatitis A, Hepatitis B, Hepatitis C)
- Fetal antibody and vaccinum reaction, etc

