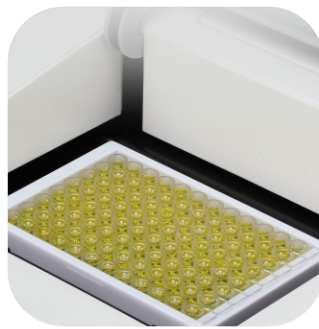


M201

Microplate Reader



EMP[®]
Emperor Medical

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
Band width and accuracy	8nm ± 2nm
Light source	Monochromatic LED
Reading speed	5s with single wavelength for whole plate
Repeatability	< 1%
Linearity	R≥0.995
Stability	<0.005Abs/10 min
Shaking	3 shaking modes with variable time
Input	Mouse, Membrane keyboard, Touch screen

Display

7" TFT LCD, 800×480 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



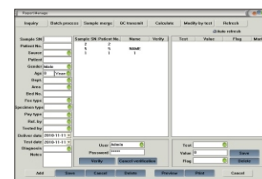
Keyboard



External printer



Touch screen



Labfriend software



Barcode reader



Flash disk



M201
Microplate Reader

EMP[®]

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Innovation with LED light source

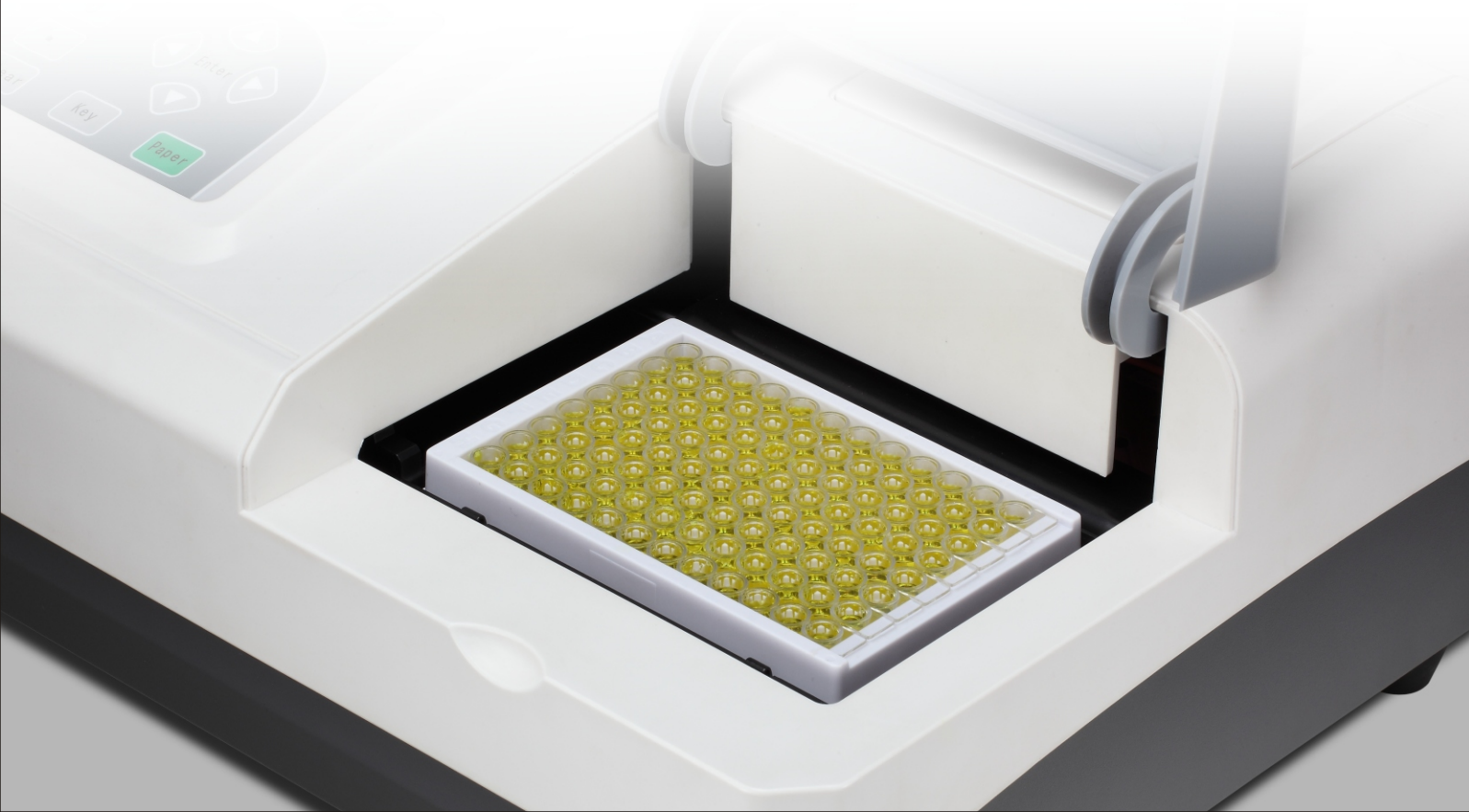
M201

Microplate Reader

Designed with LED light technology, M201 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



M201

Microplate Reader



Applications

- Pesticide residue in food
- Melamine
- Hormone, such as T3, T4 and TSH
- Test Giant cell IgG antibody, Toxoplasma 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 (Gonorrhea, Syphilis, HIV) and Hepatitis (Hepatitis-A, Hepatitis-B, Hepatitis-C)
- Fetal antibody and vaccinum reaction, etc

