



ER-100

Analyzer



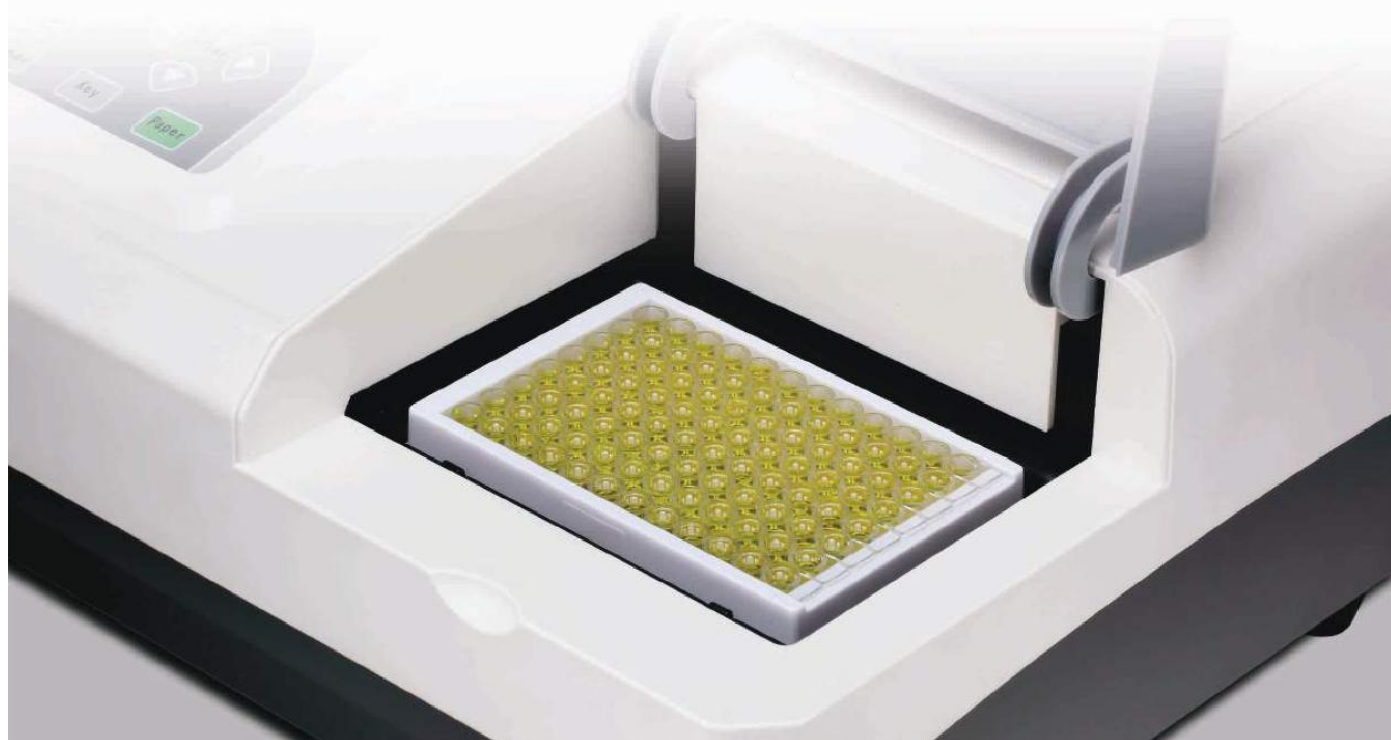
Innovation With LED Light Source

ER-100 Analyzer

Designed with LED light technology, ER-100 is green, economical and in line with the trend of environment friendly development

Features

- 7" Touch 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



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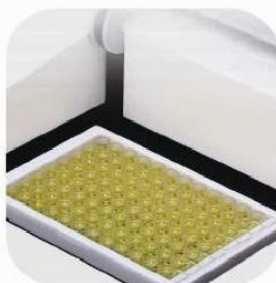


Applications

- 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



ER-100 Analyzer



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 Optional
Band Width And Accuracy	8nm \pm 2nm
Light Source	Monochromatic LED
Reading Speed	5s With Single Wavelength For Whole Plate
Repeatability	<1%
Linearity	$R \geq 0.995$
Stability	<0.005Abs/10 min
Shaking	3 Shaking Modes With Variable Time
Input	Mouse, Membrane Keyboard, Touch Screen

Display

7" TFT LCD, 800 x 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

Optional



Keyboard



External Printer



Touch Screen



Labfriend Software



Barcode Reader



Flash Disk

Mediray Healthcare Pvt. Ltd.

An ISO 13485:2003 Certified Company

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