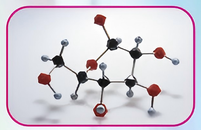
Microplate Reader



Feature

- Windows operation interface, figure button, mouse operation, touch screen.
- 96–well plate, multiple tests in the single plate.
- Arrangement of Test item in micro–plate can be store and re–use
- Parameter can be modified and stored
- Plate shaking, speed and time adjustable
- Open system, test item and parameters can be added or modified.
- Large storage for 1000 test item and 1,000,000 results
- 10.4 inch color touch LCD
- Printing comprehensive report, include hospital and patient information and test results
- Built–in portable computer, easy to use.

Specifications

- Microplate types: 96–well plate(U,V,or plat–bottom)
- Wavelength: 405nm,450nm,492nm,630nm,4 free positions for additional filters
- wavelength accuracy < 2nm
- Reading range: 0.000–4.000 Abs
- Measurement range: 0.000–3.000Abs
- Light source: LED, >100,000 hours
- Measuring system: 8–channel optical system
- Test mode: End–point, kinetic, Multi–wave analysis
- Resolution <1% or ?0.001Abs
- Stability: <?0.005Abs/10min
- Well Coincidence:?0.015A
- Linearity: r > 0.999
- Repeatability: < 0.3%
- Reading speed: 5s single wavelength , 10s double wavelength
- QC: West guard Multi–rule, automated QC alert.
- Self–Checking function: Self–checking and calibration function.
- CPU: High–speed CPU
- Printer: External jet printer, multi–form patient report.
- Interface: RS232 interface, USB.
- Power supply: 220VAC 15% or 110VAC 15%50–60Hz 100W
- Work environment: Temp 5??40?；Humi ?85%;
- Machine Dimension: 44CM*37CM*24CM
- Weight: 13 KG

Elisa Reader