

Microread -ELISA Reader-

MICROREAD (ELISA Reader)

Complete with multi-assay feature,
8-channel optical fibre system for a 5 sec plate read,
large memory and multiform result output for a comprehensive patient report.

Features

- Easy Windows operation software, with touch screen or mouse and LCD display
- 8-channel optical fiber system enables 5 secs' reading for the whole plate
- Bichromatic measurement, calculation modes include Absorbance Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, Power Regression, etc
- Large memory storage up to 100 programs, 1000 patients data, 10000 sample records
- Auto self-check when power on
- With lamp sleeping and wake-up function
- Random positive control and negative control setting
- Multi-assay feature enables up to 12 different assays on one plate
- Powerful QC function: Immediate, Elisa including Westguard Rules, Levey Jennings plot (optional)
- Multiform result output including patient comprehensive report
- Easy software upgrade by SD card, supports USB mouse and keyboard
- Ability to communicate with PC for data management (optional)



ELISA Analysers -ELISA Reader-

Technical Specifications

Read-out Range	0-3.500Abs
Resolution	0.001Abs(displayed), 0.0001Abs(calculated)
Light Source	Halogen lamp
Wavelengths	405,450,492,630nm, 4 more filters optional
Wavelengths Accuracy	± 2.0nm
Band Width	< 10nm
Calculation Mode	ABS, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, etc
Accuracy	±0.03A (0-2.000Abs)
Reading Speed	5 secs for 96 well plate (Single wavelength)
Shaking Plate	Shaking time and speed adjustable
Memory	100 programs, 1000 patients' data and 10000 sample records
Interface	RS-232, USB, SD card interface
Display	LCD
Input	Touch screen, mouse or external keyboard
Output	External printer (optional)
Net weight	8KG
Dimensions L X WXH (mm)	460 *330 *190
Power Requirement	AC 110V-220V, 50/60Hz



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