



VEG 500

Microplate reader



LABORATORY



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Microplate reader

Main features

- Graphical operating interface, menu designed for convenient use
- High brightness and large size 320 × 240 LCD , with touch screen input
- Flexible Plate layout with Blanks, Standards, Samples, Reference, QC in one screen
- Single or dual wavelength measurements, comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
- Proven optical system with 8 channel optical fiber scanning, auto plate centering system positions the center of the cell accurately
- Performing 12 different tests just in one plate
- Multi-forms in result output including patient comprehensive report
- Auto Lamp adjustment and auto calibration, improve the efficiency of the system and reduce the cost
- OPTIONAL connect to PC , comprehensive functions with Found Workstation PC software.

Technical specifications

Microplate type	96/48 well plate
Photo detector	Silicon Photodiode
Light source	8V / 50W Controlled tungsten halogen lamp
Wavelength range	400nm ~ 850nm
Standard filters	405, 450, 492, 630nm & 4 optional
Reading range	0.000 ~ 4.000A
Resolution	0.001A
Accuracy	± 0.008A
Reproducibility	≤ 0.2%
Stability	± 0.003A
Reading speed	Single Wavelength ≤ 3s / Double Wavelength ≤ 6s
Shaking	Linear Shaking , 3 speeds
Printer	Built-in thermal printer, optional external printer
Interface connections	2 x USB, 1 x RS-232, PS2 Mouse & keyboard
Power supply	100 ~ 240V, 50 ~ 60Hz
Dimension	460 x 350 x 197 mm (L x W x H)
Net weight	8kg



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