

ELISA MICROPLATE READER

ALS-INS009



KEY FEATURES

- Graphical operating interface, menu designed for convenient use.
- High brightness and large size 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 cast.
- Optional external PS2 mouse action and standard keyboard.
- With USB and serial RS-232 interface and parallel printer interface.
- Easy connect to PC, comprehensive function with found workstation PC software.

TECHNICAL SPECIFICATION	
Photodetector	Silicon Photodiode
Light source	Controlled tungsten halogen lamp
Wavelength range	400nm-800nm
Indication range	0.000-4.000 OD
Resolution	0.001 OD
Accuracy	±1.0% at 1.0 OD, 450nm.
Reproducibility	± 1.0% at 1.0 OD, 450 nm.
Standard filters	405,450,492,630nm
Additional filters	On request, filter wheel for up to 8 filters
Shaking	Linear shaking, 3 speeds.
Display	320 × 240 LCD.
Interface connections	USB, Serial RS-232 Parallel printer interface PS2 mouse & keyboard.
Power supply	100-240V, 50-60Hz
Dimensions	460×350×197mm.
Weight	10 kg