

# ELISA MICROPLATE READER

## ALS-INS009



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## 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 cost.
- 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

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