

## Microplate ELISA READER

**Reads: 6-, 12-, 24-, 48-, 96-, 384 well plates.**  
**"Filterless" Wavelength Selection.**

**Compatible with Multi-Volume plate for 2 $\mu$ L measurement**

**Detection method: Absorbance**

Read Method: Endpoint, kinetic, spectral scanning and well-area scanning.

Microplate Reading speed 96 wells: 8 seconds.  
384 wells: 13 seconds.

**Absorbance:**

Light Sources: Xenon Flash Lamp.

Wavelength selection: Monochromator, selectable in 1 nm or greater increments.

**Wavelength range: 200 – 999nm**

Bandpass: 2.4nm.

Dynamic range: 0.000 to 4.000 OD.

Resolution: 0.0001OD

Monochromator wavelength Accuracy:  $\pm 2$ nm

Monochromator wavelength Repeatability:  $\pm 0.2$ nm

**Temperature control - Incubation from ambient+4 C to 65°C**

**Shaking: Orbital, double orbital and linear and user programmable timing & frequency**

**Pathlength Correction** (Pathlength correction automatically normalizes well absorbance to standard cuvette equivalent pathlength of 1cm for direct quantification).

**Windows based Software for all application in Absorbance.** Colorimetric assays: Micro ELISA reading, nucleic acid quantitation, protein analysis and spectral analysis, Micro-volume assays with, Cell proliferation, Cytotoxicity, EIAs/ELISAs, Enzyme kinetics

**Power: 240VAC, 50/60Hz.**

IVF . ISO Certified. CE, UL, or BIS certified product  
Minimum number of installation should be 200

**Suitable Branded Laptop/Desktop:** Conf. core2duo CPU or Better, 500GB HDD, 2GB MB RAM, 4 USB ports, 18.5" LCD Monitor, DVD/CDWrite Keyboard, optical Mouse,  
Printer : LASER PRINTER B/W