



ELISA Reader

Instruments by CTK



ELISA Reader ADX-110

- Reliable, accurate, cost-effective
- Flexible programming to meet your needs
- Accommodates different microplate geometries
- Variable speed and duration on plate shaker
- Ability to read plate within seconds
- Digital light control with unique circuit for long lamp life
- Storage of calibration curves
- Storage of plate results
- Dual and tri-wavelength readings

Specifications

Human Machine Interface	TOUCH PANEL / KEYPAD
Linear Measurement Range	0.000 to 3.000 Absorbance units (A)
Photometric Accuracy	± 2% or 0.007 whichever is higher, from 0 to 1.5 A ± 3% from 1.5 A to 3.0 A
Drift	<0.005 A/hr
Optical Measurement	8 Channel
Filters	
Type of Filter	High quality narrow band interference
Wave Length	405 nm, 450 nm, 492 nm, 630 nm, with two optional filters
Half Bandwidth	10 nm ± 2 nm
Selection	Automatic by stepper motor
Display	6" graphics LCD
Curve Plotting	STN 320 x 240 dots, graphical representation on printer
Plate Carrier Movement	Precisely through the stepper motor
Printer	Built in thermal printer 52 columns
Memory	Battery back up for 250 tests and more than 2500 results
Analysis Mode	Absorbance (normal & differential) Cut - off Multi - standard % Absorbance Single standard Uptake Kinetic
RS232 Serial Port / USB	9600 baud, 8 data, 1 stop, no parity bits / USB

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