

## Elisa Reader

### **PKL PPC 230** Elisa Reader

#### Features

Accommodates different Microplate geometries

- Plate shaking facility with variable speed and duration
- Ability to read plate within seconds
- Digital light control with unique circuit for long lamp life
- Matrix mode for Result printing
- Multiple blank setting in cut off mode
- Storage of calibration curves
- Storage of Plate results
- Bichromatic and Trichromatic Readings
- Various Curve fit mode like: Linear, Point to Point with scales such as Log ABS/Conc, Logit ABS/Log Conc, ABS/Conc, Log ABS/Log Conc etc.



#### TECHNICAL Specifications

Human Machine Interface: Touch Panel Keypad

Linear Measurement Range: 0.000 to 3.500 Absorbance Units (A)

Photometric Accuracy:  $\pm$  % or 0.007 whichever is higher, from 0 to 1.5 A,  $\pm 3$  % from 1.5 A to 3.5A

Drift: <0.005 A/hr

Optical measurement: 8 Channel

Filters:

Type of filter: High Quality Narrow band Interference

Wavelength: 405nm, 450 nm, 492 nm, 630 nm

Half Bandwidth: 10nm  $\pm$  2nm

Selection: Automatic by Stepper Motor

Display: 6" Graphics LCD, Negative Blue, STN

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**ISO9001:2015 ISO13485:2016**

Curve Plotting: 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  
Power: 75 Watts/115 - 230 Volts  $\pm 10\%$ , 50/60 Hz  
Weight: 10 Kgs. (Approx)



**Printer**



**Display**



**Graph**

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**ISO9001:2015 ISO13485:2016**

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