



## 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 will 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: ± % or 0.007 whichever is higher, from 0 to 1.5 A, ±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 ± 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 trough the stepper motor

Printer: Built in Thermal Printer 52 columns

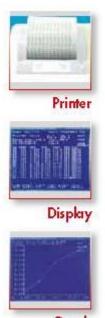
Memory: Battery back up for 250 tests and more than 2500 results Analysis Mode: Absorbance (Normal & Differential), Cut - off Multi –

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 ±10%, 50/60 Hz

Weight: 10 Kgs. (Approx)



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