



**ROBONIK**<sup>®</sup>

# *readwell* **TOUCH**

Automatic ELISA Plate Analyser



CE

**Reads Micro Plates Precisely**

## 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

### OPTICAL SYSTEM

**Linear measurement range** : 0.000 to 3.500 absorbance units(A)

**Photometric accuracy** :  $\pm 2\%$  or 0.007 whichever is higher, from 0 to 1.5 A,  $\pm 3\%$  from 1.5 A to 3.5 A

**Optical measurement** : 8 Channel

**Drift** :  $<0.005$  A/hr

### FILTERS

**Type of filter** : High quality narrow band interference

**Wave length** : 405, 450, 492, 630 nm & four optional

**Half bandwidth** : 10 nm  $\pm$  2 nm

**Selection** : Automatic by stepper motor

### DISPLAY

**Human machine interface** : TOUCH PANEL / KEYPAD, 6" Graphics LCD

### MEMORY

**Battery back up** : 250 tests

**Results** : 2500 patient results

**ANALYSIS MODES** : Absorbance (Normal & Differential), Cut-off, Multi-standard, % Absorbance, Single standard, Uptake, Kinetic

**PRINTER** : On board thermal 52 columns, maintenance free

### POWER

**Wattage** : 75 VA

**Voltage** : 115 – 230 Volts  $\pm 10\%$ , 50 – 60 Hz

**Curve plotting** : Graphical representation on printer

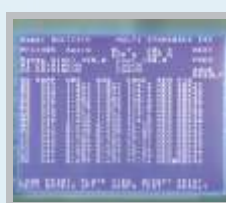
**Plate carrier movement** : Precisely through the stepper motor

**RS232 serial port / USB** : 9600 baud, 8 data, 1 stop, no parity bits / USB

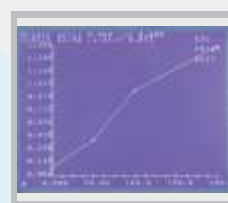
**Weight** : 10 kgs. (Approx)



Printer



Display



Graph

*Due to continuous development, specifications are subject to change without prior notice.*



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