

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 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

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 : $10 \text{ nm} \pm 2 \text{ nm}$

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 : 100 VA

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

COMPUTER INTERFACE

RS232 Serial Port : 9600 baud, 8 data, 1 stop, no parity bits

USB

Curve plotting : Graphical representation on printer

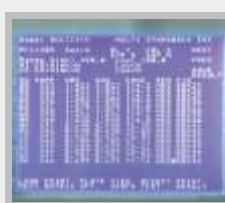
Plate carrier movement : Precisely through the stepper motor

Dimensions in mm (lxbxh) : 405 x 380 x 280 (Approx)

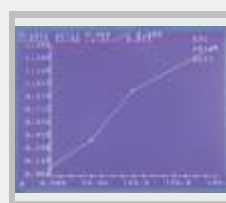
Weight : 10 kgs. (Approx)



Printer



Display



Graph

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

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