



ROBONIK®

An ISO 9001 : 2000 Certified Company
An ISO 13485 : 2007 Certified Company

readwell TOUCH

Automatic ELISA Plate Analyser



*Reads Micro Plates
precisely*

CE



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readwell TOUCH is an Automatic ELISA plate analyser with user friendly and sophisticated on board software. It is a stand alone system for all routine immunoassays, Biochemicals, hormones and drug levels. Its versatile and extensive software supports most of the calculations required for interpretation of results. It is economical, reliable and high precision machine.

Features

- Robust system with built-in stabilizer
- Built in Shaker with variable speed & duration
- Results printing in matrix mode format
- Option to run multiple blank in Cut-Off mode
- Bichromatic Readings
- Ability to read from any strip in a single plate
- Extensive Curve Plotting
- Unique circuitry for long life of lamp
- Facility to enter clinic name



Technical Specifications

| | | |
|--------------------------|---|--|
| Human Machine Interface | : | TOUCH PANEL / KEYPAD |
| Linear measurement range | : | 0.000 to 3.000 Absorbance Units(A) |
| Photometric Accuracy | : | ± 2% or 0.005 whichever is higher, from 0 to 1.5 A ± 3% from 1.5 A to 3.0 A |
| Drift | : | <0.005 A/hr |
| Photometric Linearity | : | 2.5 A |
| Optical measurement | : | 8 Channel |
| Filters | : | |
| Type of Filter | : | Narrow band Interference |
| Wave Length | : | 405nm, 450nm, 492nm, 630 nm & Two Optional |
| Half Bandwidth | : | 10 nm ± 2nm |
| Selection | : | Automatic by Stepper Motor |
| Light Source | : | Tungsten halogen lamp |
| Warm up time | : | 90 seconds (built - in) |
| Display | : | 6" Graphics LCD, Negative Blue, STN |
| Curve Plotting | : | Graphical Representation on Printer |
| Plate Carrier Movement | : | Precisely through the stepper motor |
| Printer | : | Built in Thermal Printer 52 columns |
| Memory | : | 64 KB Non Volatile RAM Battery backup supporting 125 open channels |
| Analysis Mode | : | Absorbance Cut - off Multi - Standard % Absorbance |
| RS232 Serial Port | : | 2400 baud, 8 data, 1 stop, no parity bits / USB |
| Power | : | |
| Wattage | : | 50 Watts |
| Voltage | : | 115 - 230 Volts ± 10%, 50 / 60 Hz. |
| Operating Position | : | On horizontal flat, rigid and vibration free surface |
| Operating Conditions | : | |
| Temperature | : | From + 18° C to 35° C |
| Relative Humidity | : | up to 80 % |
| Storage Conditions | : | |
| Temperature | : | From - 10° C to 35° C |
| Relative Humidity | : | up to 80 % |
| Enclosure | : | ABS Fire Retardant |
| Size (cm) | : | 36 X 36 X 22 (lxbxh) |
| Weight | : | 10 Kgs. |

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

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