

readwell TOUCH



Feature

- ❑ Robust system with built-in stabilizer.
- ❑ Built in Shaker with variable speed & duration.
- ❑ Result 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.

Automatic ELISA Plate Analyser

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 |
| Filter | |
| Type of Filter | : Narrow band Interference |
| Wave Length | : 405, 450, 492, 630 nm & Two Optional |
| Half Bandwidth | : 10 nm +/- 2 nm |
| 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 band, 8 data, 1 stop, no parity bits / USB |
| Power | : 50 Watts, 115 – 230 Volts +/- 10%, 50 / 60 Hz |
| Size (lxbxh) | : 36 x 36 x 22 cm |
| Weight | : 10 Kgs |

washwell Plate



Feature

- ❑ Specially designed Manifold assembly to prevent any scratching on bottom of well.
- ❑ User programmable soak time, wash cycle and dispensing volume.
- ❑ On Board two plate incubator at 37°C with programmable timer.
- ❑ Waste bottle full warning with audible alarm
- ❑ Built-in stabilizer.
- ❑ Continuous aspiration to prevent overflow.
- ❑ Removable manifold.
- ❑ Ability to wash single strip of 8 wells.
- ❑ Auto detection of bottom of well and collision prevention.

Automatic ELISA Plate Washer

Technical Specifications

| | |
|--------------------------|---|
| Manifold | : 8 Way Manifold |
| Dispensing | |
| Method | : Specially designed Peristaltic Pump |
| Volume | : 300 to 400 ul 1 steps of 50 ul |
| Aspirating | |
| Method | : Continuous through diaphragm pump while : Dispensing hence preventing overflow |
| Residual Volume | : < 5 ul |
| Waste Bottle | : One (Capacity 2 liters) with audible alarm when bottle : is completely filled in with waste solution |
| Wash Bottle | : One (Capacity 2 liters) |
| Rinse Bottle | : One (Capacity 2 liters) |
| Display | : Single line Backlit LCD with 16 characters |
| Liquid contact materials | : Silicon, Stainless steel, derline |
| Memory | : 8 KB Non Volatile RAM Battery backup : supporting 35 open channels |
| Washing Method | : Longwash, Shortwash, Rinsing, Priming |
| Incubator | : For Two ELISA Plates, 37°C |
| Timer | : Individually Programmable |
| Power | |
| Wattage | : 50 Watts |
| Voltage | : 115 – 230 Volts +/- 10%, 50 / 60 Hz |
| Size (lxbxh) | : 35 x 35 x 13 cm |
| Weight | : 6 Kgs |