Bioline
DIAGNOSTICS
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ELISA-W201 Plus
Microplate Reader

Easy Windows Operation Software : User-friendly interface for touch screen or mouse operation.

Large LCD Display : Clear visualization of data.

8-Channel Optical Fiber System : Enables rapid 5-second reading for the entire plate.

Bichromatic Measurement : Various calculation modes including Absorbance, Cut-off, Curve, etc.

Memory Storage : Stores up to 100 programs, 1000 patient data, and 10000 sample records.

Auto Self-Check : System performs self-check upon power-on.

Lamp Sleeping and Wake-Up Function : Energy-saving features for prolonged lamp life.

Random Positive and Negative Control Setting : Control settings for accuracy.

Multi-Assay Feature : Conducts up to 12 different assays on one plate.

Powerful QC Function : Includes Immediate, Elisa with Westguard Rules, Levey Jennings plot (optional).

Multiform Result Output : Generates comprehensive patient reports.

Easy Software Upgrade : Upgradable via SD card; supports USB mouse and keyboard.

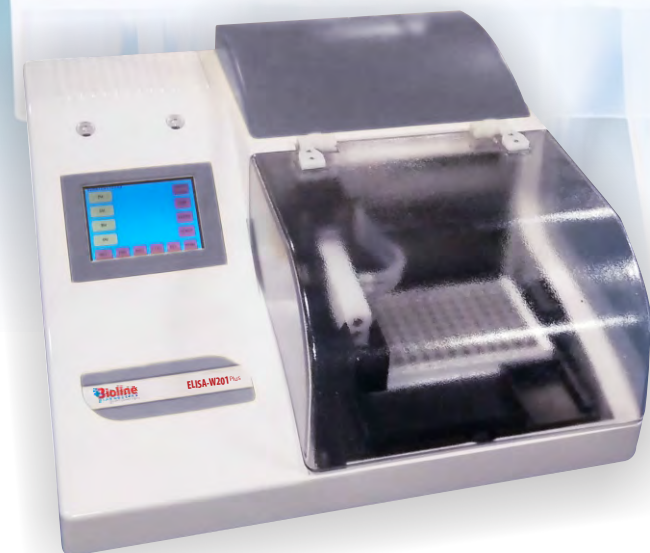**PC Communication :** Optional feature for data management and transfer.

SPECIFICATIONS

OPTICAL SYSTEM	MEMORY
Linear measurement range : 0.000 to 3.500 absorbance units(A)	**Programs :** 250 tests
	Results : 9600 patient results retrieval Assay wise, Patient wise
Photometric accuracy : ± 2 % or 0.007 whichever is higher from 0 to 1.5 A, ± 3 % from 1.5 A to 3.5 A	**PRINTER :** On board thermal 52 columns, maintenance free
	DISPLAY
Drift : 0.005 A/hr	**Human machine interface :** TOUCH PANEL KEYPAD,
Resolution : 0.001	7" Graphics Color Display
Light source : Halogen	**POWER**
FILTERS	**Voltage :** 115 – 230 Volts ± 10%, 50 – 60 Hz
Type of filter : High quality narrow band interference	**COMPUTER INTERFACE**
Wavelength : 405, 450, 492, 630 nm two optional	**RS232 Serial Port :** 9600 baud, 8 data, 1 stop, no parity bits
Half bandwidth : 10 nm	**USB**
Selection : Automatic by stepper motor	**ANALYSIS MODES :** Absorbance, Cut-off, Multi-standard, % Absorbance, Single

ELISA-R206 Plus
Microplate Washer

Scratch-Prevention Manifold: Carefully designed 8/12 channel manifold prevents well scratching.

Auto Rinse on Shutdown: Integrated feature prevents clogging and contamination during shutdown.

User-Friendly Touch Screen: Intuitive display for easy operation.

Customizable Settings: User-programmable soak time, wash cycles, and volume.

Cross Wash for Flat Wells: Ensures thorough cleaning of flat wells.

Dual Wash Bottle Connection: Connects two wash bottles for versatility.

On-Board Plate Incubator: Maintains plates at 37°C with programmable timer.

Level Sensor Bottles: Equipped with sensors for easy monitoring.

Compatible with Various Microplates: Accommodates flat, U, and V-bottom microplates.

Removable Autoclavable Manifold: Easily removable and autoclavable for sterilization.

Removable Plate Carrier: Facilitates decontamination.

Built-In Stabilizer and Vacuum Pump: Ensures stable operation and precise dispensing.

SPECIFICATIONS

Human Machine Interface	: TOUCH PANEL Display
Manifold	: 8/12 Way Manifold autoclavable & interchangeable
Dispensing	: Programmable from 50 µl - 1000 µl with precision of 3-5 %
Washing Cycle	: up to 99
Soak Time	: up to 999 sec.
Method	: Continuous while dispensing hence preventing overflow
Residual Volume	: 2 µl
Waste Bottle	: Capacity 2 litres pressurized
Wash Bottle Rinse Bottle	: Capacity 2 litres, non pressurized
Display	: High Resolution Touch Panel
Liquid contact materials	: Silicon, Stainless Steel, Derline
Memory	: 65 open tests / programmes
Washing Method	: Plate Wash, Strip Wash, Top Wash, Bottom Wash, Overflow Wash, Rinsing, Priming, Disinfect
Incubator	: For Two ELISA Plates, 37°C
Timer	: Individually Programmable 2 Nos.
Power	: 50 Watts / 115 - 240 Volts ± 10 %, 50/60 Hz.
Weight	: 6.5 Kgs.

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CE

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