

## LD1000 ELISA READER/ MICROPLATE READER

USE : Elisa reader is a semi automated bench top instrument designed for clinical immunity-test to measure antibodies . The test is done in an ELISA plate, also known as microplate. The ELISA reader reads the plate. It is mostly used in hospitals and Epidemic prevention stations.

### Features:

- > Accurate Measurement due to Qualitative and quantitative Analysis.
- > Presetting of 120 Inspection programme
- > POST (Power on self-test) function
- > Detection of Single and Double wavelength.

DESCRIPTION	:	PARAMETERS
Measurement System	:	8- channel optional system
Range	:	0.000-4.000 Abs
Repeatability	:	≤0.5%
Linearity Error	:	0.0 - 2.0 ±0.5% 2.0-3.0 ± 1.0% 3.0 -4.0 ± 3%
Filters	:	Standard 4 Filters (405, 450, 492, 630 nm) Or 10 Filters maximum 10
Display	:	Touch Screen



## LD1010 MICROPLATE WASHER

Use: Micro plate washer is an Accessory to Micro plate Reader, It is used to wash the enzymatic plate after detecting.

### Features:

- > 2 Point absorbance function, Spill Proof
- > 3 Different washing channels with vibration plate function
- > Set Liquid Injection speed for 3 different channels
- > Rinsing function with Bottom Hole, Set rinsing time.

DESCRIPTION	:	PARAMETERS
Washing Head	:	8 or 12 channels
Microplate	:	96, 48 hole Microplate
Washing times option	:	1-99 presettable
Washing Rows Option	:	1-12 presettable
Soak Time	:	1-86400 s
Residual Volume	:	< 1µl/ well



## LD1020 Biochemistry Analyzer

This is used in the clinic of hospitals, epidemic prevention stations and health protection stations for biochemical tests. It can test totally 35 parameters.

### Features:

- > 200 programs and 5000 results can be presented and saved.
- > Equipped with detected calibration function, calibration results are automatically saved, the program parameters can be changed during inspection.
- > Single & double-wavelength detections.

Item	:	Parameters
Wavelength range	:	300-800nm
Measurement range	:	-0.100-3.500abs
Precision	:	±3nm
Repeatability	:	≤1%
Cross-contamination	:	≤1%
Colorimetric pool	:	Titanium Alloy
Filter	:	Standard 7 filters (340, 405, 492, 510, 546, 630nm) Or 9 filters maximum based on requirement.



### LD1030 BLOOD COAGULATION ANALYZER

USE: Coagulometer analyzes development of Blood clot in Blood or Blood plazma. It is used for coagulation, chromomeric substrate method, immune turbidity method .

Features:

- > Easy to operate with touch screen
- > Quality control function, Automatic signal sensing reagents
- > Calibration and Calibration correction function
- > 1000 results memory

DESCRIPTION	:	PARAMETERS
Number of channels	:	4(37°C ± 1°C)
Reagent Position	:	7
Sample Position	:	12
Interchannel Error	:	≤10%
Measurement Accuracy	:	≤ 10%
Linear Correlation Coefficient	:	≥0.975
Repeatability	:	<5%



### LD1040 AUTO HEMATOLOGY ANALYZER (3-DIFF, 22 PARAMETERS)

USE: This is a Diagnostic Equipment used to detect parameters of red Blood Cells and hemoglobin, platelet and leukocyte in the Blood.

Features:

- > Easy to operate with start up menu
- > Based on Electrical Impedance principle(EI). 22 parameters, with Integrated data Processing
- > Storage up to 10,000 sample results
- > Built in Thermal Printer
- > Non toxic, Biodegradable reagents.

DESCRIPTION	:	PARAMETERS
Sample Volume	:	Whole Blood Model:13µl ; Pre-dilute model: 20µl
LCD Display	:	8"
Test Speed	:	60samples/ hour
Voltage	:	AC 110-240V, 50Hz
Continuous work time	:	>8h
Interface	:	RS232 interface



### LD1050 ELECTROLYTE ANALYZER

USE: The equipment is used to measure concentrations of K+, Na+, Cl and Ca++ and pH value.

Features:

- > Advances ISE Technology(Ion Selective Electrode).
- > Fast and accurate results.
- > Revises data automatically
- > RS232 serial port.

DESCRIPTION	:	PARAMETERS
SAMPLE	:	Whole Blood, Serum or Urine
Sample Volume	:	90µl
Testing time	:	≤50s
LCD Display	:	110x65 mm
Working Modes	:	Normal and Saving
Power	:	AC220V (160V- 245V), 50±1 Hz

