



SEMI-AUTOMATIC URINE ANALYZER  
**LD-LUAR-A10**

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# Semi-Automatic Urine Analyzer LD-LUAR-A10

Semi-Automatic Urine Analyzer is a benchtop unit based on reflectometry principle, this device uses ultra-high brightness cold light source for measurement of chemical composition of urine samples. LCD display for observing various parameters. The device is able to analyze and generate output results within short time. Urine analyzer gives accurate results, high throughput and it is easy to use.

## Features

- Fast results and easy to use
- LCD display
- Throughput 120 test/hr.
- Accurate output results
- Built-in thermal printer
- RS232 port for communication
- Automatic diagnosis system for detection of any malfunction causes in instrument and recovery alarm function
- Test results can be photographed and archived
- 2000 patient data can be stored

## Application

Urine analyzer is an instrument for determining certain chemical components in urine. It is an important tool for automated urine inspection in medical laboratories. It has the advantages of simple and fast operation.

## Specifications

Model No.	LD-LUAR-A10
Measurement principle	Ultra-high brightness cold light source, reflectometry principle
Speed	120 test/hr.
Scope of application	10, 11, 12 and 14 parameters
Test Items	Glucose (GLU), Bilirubin (BIL), Ketone (KET), Specific gravity (SG), pH, Blood (BLD), Protein (PRO), Urobilinogen (URO), Nitrite (NIT), Leukocyte (LEU), Ascorbic acid (VC), Creatinine (CRE), Calcium (CAL) and Microalbumin (MAL)
Detection Wavelength	525 – 660 nm

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LCD Display	40 x 64 dot matrix, 37 x 13 mm
Record Method	Thermal print/LCD display
Working Temperature	15 ~ 35 °C
Working Humidity	< 85%
Data Communication	RS232 interface, can connect with urine sediment analysis system, hospital management system
Data Storage	2000 test results can be stored, can be queried according to the record number
Power	50VA
Data Storage	2000 test results can be stored, can be queried according to the record number
Report Mode	International units or conventional units
Printing	Built-in high-speed thermal printer
External Dimension (W×D×H)	350 x 285 x 140 mm
Packing Dimension (W×D×H)	520 x 400 x 270 mm
Net weight	5.6 kgs
Gross weight	7 kgs