



Fully-Automatic Urine Analyzer LD-LUAR-B10

Labodam Equipment Ltd.

info@labodam.com | www.labodam.com

Fully-Automatic Urine Analyzer LD-LUAR-B10

Overview

Fully Automatic Urine Analyzer LD-LUAR-B10 uses Photoelectric colorimetric method for determination of various contents of urine sample, this unit can automatically perform whole process of sample feeding, inletting, dropping analyzing and generating output results without physically monitoring which is efficient for analysis. Device has 50 samples on board capacity and RS-232 port for communication.

Features:

- Fully automatic process of sample feeding, sample inletting, sample dropping, analyzing and generating results
- High precision sampling feature for accuracy of test strip
- Minimized contamination of workspace
- Adopts 32-bit ARM processor
- Batch difference of test strips can be reduced with unique 1C card control system for more accurate results
- Maintenance function and TF card upgrade, operator can avail latest software

Applications:

Fully Automatic 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:

Fuse	250V 2A
Power	300 VA
Printer	Thermal printer
Net Weight	65 Kgs
Test Speed	240 strips/hour (15 seconds/strip)
Gross Weight	85 Kgs
Sample Volume	Minimum volume: 3 mL
Test Principle	Photoelectric Colorimetric Method
External Output	RS-232
Test Parameters	Urobilinogen (URO), Bilirubin (BIL), Ketone (KET), Blood (BLD), Protein (PRO), Nitrite (NIT), Leukocytes (LEU), Glucose (GLU), Specific Gravity (SG), PH (pH), Ascorbic Acid (VC), Microalbumin (MAL), Creatinine (CRE),

	Calcium (CAL)
Aspiration Volume	Less than 1 mL
Relative Humidity	≥75%
Optimum Temperature	20 ~ 25 °C
Data Storage Capacity	20000
Environment Temperature	15 ~ 35 °C
On Board Sample Capacity	5 racks of 10 tubes (50 samples)
External Dimension (W×D×H)	660 x 625 x 581 mm
Shipping Dimension (W×D×H)	785 x 570 x 1015 mm