



## **Fully-Automatic Urine Analyzer LD-LUAR-B10**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://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:

|                        |                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fuse</b>            | 250V 2A                                                                                                                                                                                                                  |
| <b>Power</b>           | 300 VA                                                                                                                                                                                                                   |
| <b>Printer</b>         | Thermal printer                                                                                                                                                                                                          |
| <b>Net Weight</b>      | 65 Kgs                                                                                                                                                                                                                   |
| <b>Test Speed</b>      | 240 strips/hour (15 seconds/strip)                                                                                                                                                                                       |
| <b>Gross Weight</b>    | 85 Kgs                                                                                                                                                                                                                   |
| <b>Sample Volume</b>   | Minimum volume: 3 mL                                                                                                                                                                                                     |
| <b>Test Principle</b>  | Photoelectric Colorimetric Method                                                                                                                                                                                        |
| <b>External Output</b> | RS-232                                                                                                                                                                                                                   |
| <b>Test Parameters</b> | 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)                    |
| <b>Aspiration Volume</b>          | Less than 1 mL                   |
| <b>Relative Humidity</b>          | ≥75%                             |
| <b>Optimum Temperature</b>        | 20 ~ 25 °C                       |
| <b>Data Storage Capacity</b>      | 20000                            |
| <b>Environment Temperature</b>    | 15 ~ 35 °C                       |
| <b>On Board Sample Capacity</b>   | 5 racks of 10 tubes (50 samples) |
| <b>External Dimension (W×D×H)</b> | 660 x 625 x 581 mm               |
| <b>Shipping Dimension (W×D×H)</b> | 785 x 570 x 1015 mm              |