Semi-Automatic Urine Analyzer LD-LUAR-A11

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Overview

Semi-Automatic Urine Analyzer LD-LAUR-A11 is a compact benchtop unit works on Artificial intelligence + computer vision technology for measurement of chemical composition of urine samples. It is equipped 7-inch large screen display, touch operation for observing various parameters. The device is able to analyze and generate output results within short time. With the help of advanced AI and computer vision technology urine analyzer gives accurate results, high throughput and it is easy to use.

Features:

- Adopts LINUX operating system with data processing function
- Throughput 514 tests/hr
- Temperature monitoring function reduce the influence caused by environment to give precise results
- Fast and accurate results with the help of Artificial intelligence + computer vision technology
- Touch screen display and built-in thermal printer
- Test results can be photographed and archived
- System upgrade function for user to experience latest software support

Applications:

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:

Power	20VA
Display	7-inch large screen display, touch operation
Net weight	3.1 kgs
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)
Test Speed	514 samples/hour
Electricity	AC 100~240V±10%, 50-60Hz
Data Storage	Large-capacity memory. Can store millions of test results, can query the test result according to the record numbers

Gross weight	8 kgs
Record Method	Thermal print/LCD display
Printing Method	Built-in high-speed thermal printer
Working Humidity	< 85%
Data Communication	Reserved RS232 interface, WIFI, network interface, external urine sediment analysis system, hospital management software (HIS, LIS)
Working Temperature	15 - 35 °C
Scope of Application	10, 11, 12 and 14 parameters
Measurement Principle	Artificial intelligence + computer vision technology
Packing Dimension (W×D×H)	450 x 440 x 400 mm
External Dimension (W×D×H)	340 x 290 x 250 mm