CHEMIA-100C

AUTOMATIC CHEMISTRY ANALYZER



SICURO
Sicuro Bioengineering Ltd

Smart
Economic
Efficient

- Compact Design With 150 Tests/Hour
- USB And Wi-Fi Connectivity
- Built-In Reagent Cooling(4~15℃)
- Long-life LED light source with 5-year warranty
- Direct HbA1c Test — No Manual Hemolysis Required
- Specific Protein Testing With Excellent Repeatability And Linearity

Technical Specifications

System Function

Throughput	Constant Speed 150 Tests/Hour
Methodology	End point, Fixed time, Kinetic
Minimum Reaction Volume	150uL
Water Consumption	<1.8L / Hour
Principle	Colorimetry, Turbidimetry

Sample & Reagent

Sample Mode	Random Access, STAT Sample Priority
Sample Volume	2~30uL, step by 0.1 uL
Sample/Reagent Probe	One probe for Sample and Reagent with Liquid Level Detection, Vertical Collision Detection and Reagent Volume real time monitoring function
Sample Disk	27+4 Sample Positions
Sample Tube	Primary tubes and Sample cups
Reagent Volume	R1:150-350 uL,R2:20-300μL, step by 1uL
Reagent Disk	54 Reagent Positions, 24 hours Onboard Cooling(4~15℃)
Reagent Bottles	30ml / 24ml / 6ml

Reaction System

Reaction Cuvettes	40 cuvettes,UV plastic cuvettes
Reaction Temperature	37±0.1℃
Heater	Metal thermostat for Reaction disk

Optical System

Light Source	LED Light Source
Wavelength	8 wavelengths: 340~700nm

Cal & QC

Calibration Mode	One point linear, Two point linear, Multi-point linear, Logit-4P,Logit-5P,Spline, Exponential, Polynomial
QC Rule	Westgard multi-rule, Cumulative sum check, Twin plot

Software

Operating System	Windows 7 / 10 / 11
LIS Interface	Bi-directional LIS Interface(HL7)
PC Interface	USB / RS232 / LAN (Optional WIFI)

Other

Dimension	350(W) x390(H) x600(L)
Power Supply	DC 24V 10A
Net Weight	27Kg

ECO - Friendly

Less Water Consumption
Less Auxiliary Reagent Consumption
Less Power Consumption



Control Centre

Real-Time display multiple system indicators. including the temperature of the reagent compartment, the temperature of the reaction tray, fluid pressure, and alarms information for lack of solution and water.you can maintain and adjust machine through it.

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