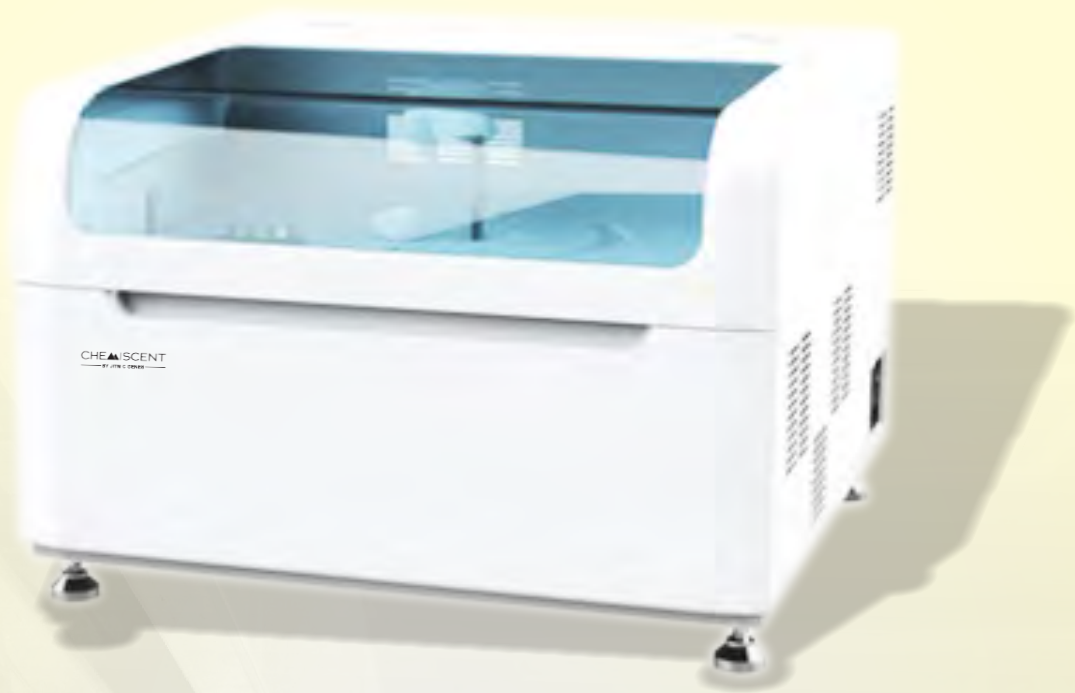


CS-240 Plus Auto Chemistry Analyzer



Key Features :

High Capacity Flexibility:

- High reagent and sample capacity
- Sample and reagent can be loaded flexibly
- All of reagents and samples could be read by barcode reader

Accurate Result:

- 340-800nm 12 wavelengths
- Digital liquid level detection high sensitivity avoids bubbles interference
- Reagent inventory management, automatically calculates remaining volume and remaining number.

The Quality Control:

- Daily QC, Monthly QC and QC Chart
- Visual QC assessment
- QC history checking
- QC error analysis

The On-board Hemolysis Function:

- Whole blood testing function for HbA1c to avoid artificial error
- Not necessary for centrifugation
- Automatic hemolysis function, easy function, easy operation and standardization for HbA1c test.

Excellent Performance:

- Automatic cuvette checkup ensures the cuvette clean
- Collision protection
- Water quality checkup
- RJ-45 Network communication

Save Cost Save Space:

- Low water consumption
- Minimum reaction volume 100 μ l
- Minimum maintenance
- Small size, easy to place in narrow space.



Overall Performance:

Equipment Type	Fully automatic, discrete, STAT priority
Analysis throughput	240T/H;480T/H;combined with ISE
Test Principle	Colorimetry, turbidimetry
Analysis method	End-point, kinetics, fixed time, etc.

Sample Reagent Unit:

Sample reagent position	Up to 80 positions
Sample cuvettes specification	Standard cup, original blood tube, multi-specification tube available (10-13)mm* (75-100)mm
Sample reagent probe	Liquid level detection and collision detection.

Reaction Unit:

Reaction cuvette	56 positions optical plastic cup
Total volume of Reaction Liquid	100µl-360µl
Reaction Temperature	37°C
Reaction disk constant temperature	Air bath
Mixer	Mix immediately after adding reagent
Waste water treatment	With the function of concentrated waste liquid level alarming.

Optical System:

Light source	20W/12V halogen Lamp
Monochromator	Grating photometry
Photoelectron road	After spectrophotometry
Wavelengths	340nm-800nm
Detector	Photodiode LED array

Operating System:

PC Operating System	Windows 7 or Windows 10
Analysis Control Software	Graphical operating software English version
Report Printing	Report formats support the user-defined mode, QC and stat information, etc.
System Connection	TCP/IP Network connection, standard RJ-45

Calibration and QC

Calibration Method	1 Point Linear Method, 2 Point Linear Method, Multiple Point Linear Method, Non-linear Method.
Calibration Tracking	Automatic description calibration k-value trends
Qc Method	Real-Time QC, daily QC and monthly QC.
Out of Control Processing	Alarming for out of control sample, record lost control reason.

Others :

Volume	744 mm x 703 mm x 530 mm
Weight	100 kg
Power supply	Voltage AC 100 V-240v, 50/60 Hz, power 600/VM



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