

Technical Specifications

System Function

Throughput: Constant speed 200 tests/hour
Contents of testing: Clinical chemistry, Immunoturbidimetric
Analytical modes: End-point, Two-point, Kinetic
Programming: Open system with user defined programs
Automatic, Random Access
STAT sample priority
Bi-direction LIS interface

Sample Tray

Sample position: 40 positions for samples
Sample volume: 3-45 mL, 0.1 mL adjustable
Random position for standard and quality control
Built-in sample barcode reader (optional)

Reagent Tray

Reagent position: 40 positions in refrigerated compartment
Refrigerated temperature: 4~15°C
Reagent volume: R1: 120-450 mL, 0.5 mL adjustable
R2: 10-250 mL, 0.5 mL adjustable

Reaction Tray

Reaction positions: 81 cuvettes, 9 cuvettes/strip
Reaction volume: 120ul-500ul
Reaction temperature: 37°C, fluctuation $\pm 0.2^{\circ}\text{C}$
Independent mixing probe
Cuvette washing: Automatic 8 steps washing system

Measuring and Optic System

Lamp: Halogen lamp
Absorbance range: 0-4.000 Abs
Wavelengths: 8 wavelengths from 320nm including 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 670nm

Working Condition

Power supply: AC110V/220V, 50Hz/60Hz
Temperature: 0~40°C
Humidity: $\leq 80\%$
Water consumption: $\leq 6.7\text{L/h}$
Dimensions: 800mm(L)x 650mm(W)x590mm(H)
Gross weight: 142KG



OSCAR

Oscar Medicare Pvt. Ltd.



OSCAR

OM-200 AUTO BIO-CHEMISTRY ANALYZER



Status Menu



- Instrument Status
- Sample Queue
- Test Results
- Reagents / Consumable Levels

QC Graph



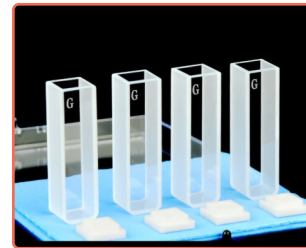
- Control Material Identification
- Control Levels
- Time Axis
- Target Range

High Precision Probe



- Precise Sample Aspiration
- Accuracy in Sample Dispensing
- Minimization of Sample carryover
- Integration with sample management system

Reusable Cuvettes



- Sample Containment
- Optical Path Provide
- Compatibility
- Cost Effectiveness

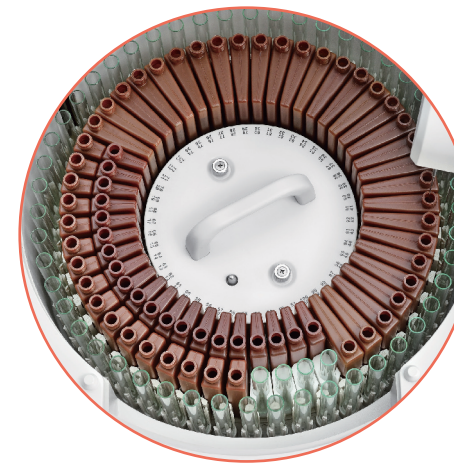
8 Steps Washing



- Cleaning solution flush
- Rinsing and air blow
- Backflushing

A Whole New Generation

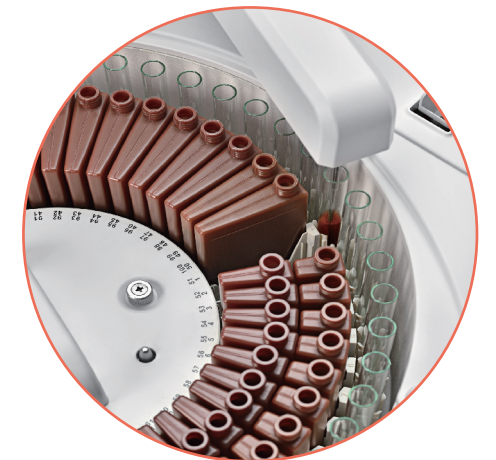
with constant throughput of 200 photometric T/H



Large and exible capacity

Up to 40 sample positions
Up to 40 reagent positions

200µL minimum reaction volume



Considerate design

Easy loading and unloading for samples
One key calibrator import