



OSCAR

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

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OM-

200

Auto Bio Chemistry Analyzer



Features :

- ❖ Automatic, Random Access
- ❖ Constant speed 200 tests per hour
- ❖ Reagent pre-heating, liquid level detection
- ❖ Automatic 8 steps washing system, Low carry-over
- ❖ 24 hours non-stop reagent cooling compartment
- ❖ Built-in barcode reader (optional)
- ❖ Clot detection function (optional)
- ❖ Reagent open system, close system on request
- ❖ User-friendly software based on windows operation system
- ❖ Labor saving, simple programming and real walk-away operation



OM-200

Auto Bio Chemistry Analyzer



Technical Specifications:

System Function

- **Throughput:** Constant speed 200 tests/hour
- **Contents of the 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 μL , 0.1 μL 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 μL , 0.5 μL adjustable
 - R2: 10-250 μL , 0.5 μL adjustable

Reaction Tray

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

Probe

- Pre-heating for reagent
- Collision protection, Liquid level detection and Inventory checking
- Automatic inner and outer probe washing after every cycle, carry-over < 0.1%
- Clot detection function (optional)

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) $\times$ 650mm(W) $\times$ 590mm(H)
- **Gross weight:** 142kg

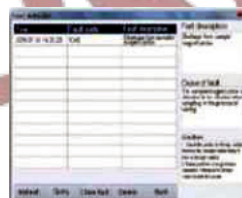
Status Menu



QC Graph



Clot detection function



Reusable Cuvettes



High precision Probe



8 steps washing



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