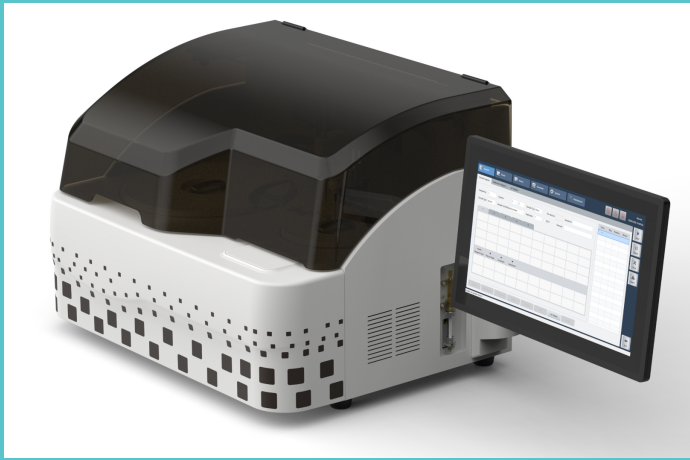
GenoTEK

GenoLabTEK inc.



SMART-200

AUTO CHEMISTRY ANALYZER

- Constant 200 tests/hour with double reagent
- 80 reagent positions
- Automatic liquid level sensing and anti-collision protection
- Fully closed optical system with multi-wavelength simultaneous detection
- New amorphous optical plastic reaction cups, excellent transmittance
- Maintenance-free solid-state refrigeration
- User-friendly interface and easy operation
- 4-stage, 2-times automatic washing with alkaline cleaning solution

General information	
Machine type	Random access, open reagent & locked reagent (optional)
Test speed	Constant 200 tests/hour (mono reagent or double reagent)
Test principle	Colorimetric method, turbidimetry
Test method	1 point end, 2 point end, Fixed-Time, Kinetics
Calibration type	Linear & nonlinear

Sample unit	
Sample tray	40 sample positions
Sample tube	Micro cup, test tube & blood collection tube; Ø12–13 mm × 25–100 mm
Sample volume	2–30 µL, step 0.1 µL
Sample probe	Liquid surface detection, timely liquid-volume tracking, collision avoidance
Sample barcode	Sample barcode reader (optional)

Optical system	
Light source	Halogen lamp
Wavelength	340, 405, 450, 505, 546, 578, 630, 700 nm (4 more options)
Absorbance range	0–4.0 Abs
Resolution	0.0001 Abs

AFLO

الوكيل الحصري في العراق

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Arasat Al-Hindia Dist.929 st.21, Villa 32 Baghdad Iraq

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SMART-200

TECHNICAL SPECIFICATIONS

Reagent unit	
Reagent tray	80 positions (40 for R1 & 40 for R2); non-stop Peltier cooling, 24 hours, 2–14°C; open system, accepts any reagent
Reagent volume	20–300 µL, step 1 µL
Reagent needle	Liquid surface detection, timely liquid-volume tracking, collision avoidance
Reagent barcode	Reagent barcode reader (optional)

Reaction unit	
Reaction tray	44 reaction cuvettes; new amorphous optical plastic reaction cups, excellent transmittance
Reaction volume	150–330 µL
Reaction time	10 minutes
Temperature	Peltier incubation system, 37°C ± 0.1°C

Mixing system	
Mixer	Paddle-type mixing, effective reduction of carry-over

Operating system	
Operation system	Windows XP, Windows 7, Windows 8, Windows 10
Data processing	Automatic calibration; test combination; effective reagent time management; serum index; whole-process detection; linear expansion of enzyme; blank deduction; dirty cuvette memory; cross-infection prevention; patient information memory and association input; automatic report audit; fuzzy data query; report statistics and printing; reference-range grading; alarm classification; user privilege management.
Report printing	6 optional formats, supports custom pattern
Interface	TCP/IP network interface

Working conditions	
Power supply	AC 110/220 V ±10%, 50/60 Hz, 650 W
Water consumption	12 L/hour (maximum)
Dimension	910 × 650 × 1120 mm (L × W × H)
Weight	127.5 kg

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