

GEB-200 Urine Analyzer: Technical Insights and Clinical Applications

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What Makes the GEB-200 Stand Out in Diagnostic Testing?

When laboratory technicians need reliable urine analysis equipment, the GEB-200 urine analyzer often becomes their first choice. This workhorse from Guangzhou Gaolbao Biological Technology combines three crucial light wavelengths (550nm, 620nm, 720nm) with an impressive 120 tests/hour capacity, making it the Usain Bolt of urine analyzers when handling heavy workloads.

Key Technical Specifications

- Multi-wavelength detection system (550/620/720nm)
- 60-120 tests/hour processing speed
- 11-parameter urine test strip compatibility
- Built-in thermal printer with 1,000-result memory

Clinical Applications That Matter

Imagine catching asymptomatic bacteriuria during routine pregnancy checks or spotting microalbuminuria in diabetic patients before kidney damage occurs. The GEB-200's ability to detect vitamin C interference makes it particularly valuable in:

- Emergency department rapid screenings
- Chronic disease management programs
- Occupational health evaluations

Real-World Case Study

A Guangzhou hospital reduced false-positive hemoglobin results by 38% after implementing the GEB-200's VC interference compensation feature. The analyzer's dual reporting system (? symbols and concentration values) helped clinicians differentiate between "probably contaminated" and "clinically significant" findings.

Maintenance Tips From Lab Veterans

While the GEB-200 boasts automatic self-calibration, seasoned technicians recommend:

- Monthly optical path cleaning with anhydrous alcohol
- Quarterly printer head maintenance
- Using manufacturer-approved quality control strips

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The RS232C interface has become something of a "lab pet dinosaur" - older technicians love its reliability for LIS integration, while new staff often joke about needing a "USB-to-RS232C translator degree" to operate it.

Future-Proofing Your Lab

With the recent push toward POCT (Point-of-Care Testing) standardization, the GEB-200's combination of rapid processing and detailed result documentation positions it as a transitional solution between traditional lab settings and decentralized testing models.

Web: <https://www.sphoryzont.edu.pl>