

Diasys SYS 200

Fully Automated Bio Chemistry Analyzer

Why Choose?

Hospitals and diagnostic centers choose the Diasys SYS 200 for its seamless integration of accuracy, speed, and convenience, enabling laboratory teams to deliver fast and trustworthy results even in the busiest settings.

- "Up to 480 sample tests per hour for maximum throughput"
 - "Automatic sample dilution and STAT testing for emergencies"
 - "Comprehensive menu: 80+ tests including direct HbA1c whole blood analysis"
 - "Advanced photometric detection for bubble-free accuracy"
 - "Semi-disposable cuvette system reduces cost and cross-contamination"
 - "Barcode tracking for simplified sample and reagent management"
 - "User-friendly software with real-time results and LIS integration"
 - "Low water usage and high reliability for sustainable lab operation"
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Unique Selling Points

- **High Throughput Performance:** Consistent throughput of up to 240 tests per hour (up to 480 per hour with ISE module), allowing for efficient processing of high sample volumes
 - **Comprehensive Test Menu:** Broad test menu with more than 80 programmable parameters including cardiovascular, diabetes, renal, liver, and metabolic syndrome profiles
 - **On-Board Advanced Testing:** On-board hemolysis and direct HbA1c whole blood testing, eliminating manual pre-processing and reducing operator error
 - **Cost-Effective Design:** Semi-disposable cuvette system provides cost and convenience advantages, maintaining hygiene and reducing waste
 - **Precision Detection:** High-sensitivity photometric detection (12 wavelengths, digital liquid level sensing) ensures precise and bubble-free results
 - **Intelligent Reagent Management:** Automated reagent management system tracks inventory and remaining volumes for continuous workflow
 - **User-Friendly Software:** Easy sample and reagent barcode tracking, real-time reaction monitoring, and seamless data integration with LIS
 - **Durable & Reliable:** Robust build quality ensures reliability, with minimal maintenance needs and low water consumption (1–3 liters/hour)
 - **Enhanced Safety:** Automated laundry system and closed sample handling, protecting staff and samples
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Clinical Benefits for Hospital Laboratories

- **Sample Versatility:** Supports a wide variety of sample types—including serum, plasma, urine, and whole blood—for flexibility in test offerings
 - **Emergency Response Capability:** Automated STAT sample handling enables rapid emergency response and patient prioritization without process delays
 - **Quality Assurance:** Comprehensive quality control ensures every test meets stringent accuracy standards, including Westgard rule application and Levey Jennings graphing
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Emergency Testing Performance

- **Instant STAT Access:** Continuous sample loading and direct STAT access lets staff address urgent cases instantly, without workflow interruption
 - **Rapid Emergency Results:** Fast and accurate hemolysis and HbA1c testing in emergencies, avoiding pre-centrifugation and reducing turnaround times
 - **Consistent Reliability:** Reliable performance even under high workload conditions thanks to automated QC and inventory management
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Why Hospitals Choose

- **Clinical Excellence:** Designed for clinical environments requiring speed, safety, and versatility, with real-time monitoring and LIS connectivity for complete operational control
 - **Global Trust:** Accredited stability and accuracy standards—billions of tests performed annually on Diasys systems worldwide
 - **Long-Term Value:** Cost-effective long-term operation—low reagent waste, low water usage, and durable engineering
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Transform Your Laboratory Today

Upgrade to the Diasys SYS 200 and bring your laboratory to the forefront of diagnostic technology. Ensure top-tier testing quality, minimal downtime, and superior patient care every day.
