

DiaSys Sys 680 Ci

Fully automated clinical chemistry analyzer

Why Choose?

Select the DiaSys Sys 680 Ci for powerful, reliable high-throughput testing that maintains precision under demanding workloads—transforming your laboratory into a productivity powerhouse while preserving accuracy and patient safety.

- "Up to 600 tests/hour—pure high-volume power for busy labs."
 - "Photometric + potentiometric: comprehensive testing in one system."
 - "STAT priority with continuous loading—emergencies get instant access."
 - "Advanced refrigerated reagent management with automated inventory."
 - "Seamless integration with SYS Lumina Ci for unified workflow."
 - "Random access flexibility handles multiple tests simultaneously."
 - "85 sensor groups monitor performance in real-time."
 - "Compact yet powerful—high throughput without facility expansion."
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Unique Selling Points

- **Exceptional Throughput:** Up to 600 tests per hour (800 tests/hour with integrated ISE module for electrolytes), supporting high-volume labs without compromise.
 - **Dual Measurement Technology:** Combines photometric and potentiometric methods enabling comprehensive test menus including chemistry panels, electrolytes, proteins, and specialized assays.
 - **Continuous Sample Loading with STAT Priority:** Automated sample feed with intelligent prioritization ensures urgent cases are processed immediately without workflow interruption.
 - **Advanced Reagent Management:** Refrigerated compartments with automated inventory tracking optimize reagent stability, minimize waste, and ensure consistent reagent availability.
 - **Seamless System Integration:** Designed to integrate effortlessly with DiaSys SYS Lumina Ci immunoassay analyzer, creating a unified automated workflow for comprehensive testing.
 - **Comprehensive Test Menu:** Covers routine chemistry, liver and renal panels, lipid profiles, specific proteins, toxicology screens, and electrolytes in one platform.
 - **Real-Time Analyzer Monitoring:** 85 integrated sensor groups provide continuous performance tracking and error prevention, ensuring reliability throughout operation.
 - **Random Access Capability:** Process multiple sample types simultaneously with flexible test combinations, enabling efficient handling of diverse laboratory demands.
 - **Compact Footprint:** Despite exceptional throughput, maintains space-efficient design ideal for modern laboratory environments.
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Clinical Benefits for Hospital Laboratories

- **Accelerated Turnaround Times (TAT):** High throughput combined with STAT prioritization delivers rapid results for critical care and emergency departments.
 - **Comprehensive Test Coverage:** Simultaneous photometric and potentiometric measurement supports diverse clinical protocols in single integrated system.
 - **Reduced Sample Handling Errors:** Continuous automated loading minimizes manual intervention, improving accuracy and reducing operator-related mistakes.
 - **LIS Integration Ready:** Seamless connectivity for streamlined data management and reporting workflows.
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Emergency Testing Performance

- **Zero-Delay STAT Processing:** Dedicated STAT sample priority pathway ensures critical cases bypass queue, enabling immediate testing.
 - **Continuous Processing:** No batch-mode limitations—samples processed continuously, supporting back-to-back urgent testing scenarios.
 - **High-Volume Sustained Performance:** Maintains speed and accuracy even during surge periods common in emergency departments.
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Why Hospitals Choose

- **Peak Productivity & Unmatched Efficiency:** Purpose-built for high-volume environments where throughput and reliability are non-negotiable.
 - **Unified Workflow Capability:** Integration with SYS Lumina Ci creates a complete laboratory automation ecosystem in compact footprint.
 - **Proven Performance Track Record:** Trusted by leading hospital laboratories worldwide for consistent, accurate, high-speed clinical chemistry testing.
 - **Future-Ready Architecture:** Designed to grow with your laboratory's needs through modular capabilities and seamless system expansion.
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Transform Your Laboratory Today

Empower your laboratory with the DiaSys Sys 680 Ci and unlock the power of high-volume, high-precision testing. Accelerate patient care delivery, reduce wait times, and achieve unprecedented operational efficiency in your clinical chemistry department.
