

# Horiba Pentra C 400

## Automated Clinical Chemistry Analyser

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### Why Choose?

The HORIBA Pentra C400 is a compact, fully automated clinical chemistry analyzer tailored for laboratories needing high throughput and broad test options. Its efficient benchtop system delivers up to 420 tests per hour, ensuring precise results even at peak operating times. With advanced sample management, effective modular design, and real-time monitoring, the Pentra C400 supports seamless workflow and optimal laboratory operations.

- Compact benchtop analyzer with up to 420 tests per hour.
- 55+ onboard assays for complete clinical chemistry diagnostics.
- Touchscreen simplicity meets powerful performance.
- Modular ISE option for rapid electrolyte testing.
- Automated cassette reagents ensure stable, accurate results.
- Real-time monitoring and workflow validation boost reliability.
- Easy STAT sample handling for emergency response.
- Built for labs that demand speed, precision, and efficiency.

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### Unique Selling Points

- High throughput: Performs up to 420 tests per hour with an optional ISE module for electrolytes.
  - Supports more than 55 onboard assays, from routine to specialty testing, including enzymes, metabolites, and electrolytes.
  - User-friendly 12-inch touchscreen interface simplifies daily operation and monitoring.
  - Compact benchtop design saves valuable laboratory space while maintaining powerful performance.
  - Modular architecture allows easy upgrade with add-on modules (ISE) for flexible laboratory needs.
  - Advanced cassette reagent handling and onboard refrigeration ensure reagent stability and reliable results.
  - Continuous sample loading and STAT capability for urgent cases, enhancing responsiveness in emergencies.
  - Automated dilution, clot detection, and high sample integrity features minimize human error and maximize accuracy.
  - Real-time workflow validation station provides ongoing control and error reduction.
  - Disposable cuvettes and automated cleaning reduce risk of cross-contamination.
  - CE Marked and FDA approved, meeting international standards for safety and reliability.
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# Clinical Benefits for Hospital Laboratories

- Enables reliable, reproducible results for a wide range of clinical applications, supporting both routine and specialty testing.
  - Short turnaround times and automated sample integrity checks boost operational efficiency and patient safety.
  - Flexible patient management features, including positive sample identification and barcode integration, ensure traceability.
  - Continuous loading and automatic rerun capabilities minimize downtime, allowing uninterrupted laboratory workflow.
  - Comprehensive data archiving with robust database capacity.
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## Emergency Testing Performance

- STAT sample access and rapid analysis for prioritized emergency specimens.
  - Automated monitoring and error detection enable fast, accurate reporting even in critical timeframes.
  - Durable benchtop construction supports intense usage during busy periods.
  - Compact footprint allows convenient placement near emergency departments.
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## Why Hospitals Choose

- Proven HORIBA reliability, backed by decades of clinical analyzer innovation.
  - Excellent balance of speed, versatility, and safety in a space-saving package.
  - Maintenance-friendly with automatic checks and user guidance for trouble-free operation.
  - Trusted brand with globally recognized certifications, technical support, and customer service.
  - Adaptable to changing laboratory demands thanks to modular features and upgrade paths.
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## Transform Your Laboratory Today

Upgrade your laboratory to the HORIBA Pentra C400 and experience unmatched speed, versatility, and precision for clinical chemistry testing. Empower your laboratory team to deliver superior patient care with advanced automation, real-time workflow management, and future-ready technology.

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