

CX Series Chemistry Analyzers

Synchron® Clinical Systems were designed with help from laboratory professionals who wanted their labs to be more productive and cost-effective. System-based automation features available on select systems can reduce manual processes by as much as 50 percent. Clinical Systems deliver fast, accurate results with maximum efficiency.

Contact your Infolab Representative today for more information on the CX Series Chemistry Analyzers.

SYNCHRON CX3



The SYNCHRON CX3 Delta is a critical care clinical system, providing unparalleled testing speed for the most frequently ordered chemistries-Glucose, BUN, Creatinine, Sodium, Potassium Chloride, CO2 Calcium and Total Protein.

When teamed with your laboratory **data management system**, a **SPINCHRON® centrifuge** and/or another SYNCHRON system, the CX3 Delta can provide even more efficiency and flexibility to your lab.

The SYNCHRON CX3 offers:

- Nine-test panel in less than one minute ·
- Up to 675 tests per hour with minimal sample handling
- On-board reagent stability up to 90 days
- No maintenance AccuSense® glucose oxygen sensor

SYNCHRON CX®4 Delta



Speed. Accuracy. Efficiency. Today's laboratory needs all three. The SYNCHRON CX4 Delta Specialty / Drug Clinical System is a random access analyzer that can consolidate Drugs of Abuse, TDM's and other specialty testing, such as thyroid, HbA1c and lipids in one convenient system.

Product Features

- 24 on-board chemistries
- More than 96 ready-to-use bar-coded reagents
- Reagent loading while running capability
- Throughput of up to 225 tests per hour
- Complete compatibility with other CX Delta systems
- Centrifugable sectors
- Bar-coded calibrators and controls

SYNCHRON CX®4 Super



The SYNCHRON CX4-S system consolidates DATs, TDMs and other esoteric tests in one workstation, targeted to the mid-size lab that processes 50-200 samples per day. Like all SYNCHRON CX super systems, the CX4-S is easy to use, easy to maintain and easy to acquire.

- 24 onboard chemistries
- 225 tests per hour throughput
- Up to 63 sample capacity with continuous loading capability
- Onboard reagent stability of up to 60 days (up to 90 days for electrolyte reagents)

SYNCHRON CX®4 PRO



How Can You Enhance Your Specialty Testing Performance?

Equipped with the SYNCHRON CX4 PRO, which includes many of today's most advanced and automated technologies, your laboratory can improve its specialty testing process dramatically. The SYNCHRON CX4 PRO consolidates DATs, TDMs, esoterics, proteins and other specialty tests, such as thyroid, HbA1c and lipids, into one, easy-to-use workstation.

Increase Accuracy and Analytical Efficiency with:

- Automatic clot detection and correction for uninterrupted workflow
- Automatic checking of serum indices (hemolysis, icterus, lipemia) for high-quality test results & process step reduction
- On-board auto-dilution (for immunoproteins and urine chemistries) for reduced sample handling
- Flat-panel monitor for improved operator viewing and enhanced ease-of-use
- Advanced modem diagnostics to minimize service needs
- Throughput up to 225 tests per hour for fast sample turnaround
- 24 on-board chemistries for workstation consolidation

SYNCHRON CX®5 Delta



The SYNCHRON CX5 Delta takes the automation and versatility of the SYNCHRON CX®4 Delta and adds the benefit of electrolyte testing. It's the ideal full-service clinical chemistry system for the low- to medium-volume laboratory, featuring advanced data management capabilities and continuous sample loading.

The SYNCHRON CX5 requires almost no daily maintenance.

Product Features

- Throughput of up to 600 tests per hour
- Less than one minute stat analysis for up to nine critical-care chemistries
- Unique autoloader for walkaway automation
- Multiple tube sizes for complete flexibility
- 29 on-board chemistries
- Continually expanding test menu
- Onboard reagent stability of up to 60 days

SYNCHRON CX®5 PRO



Where Can Your Laboratory Find a Full-Service Workstation?

When it comes to providing speed, accuracy and menu flexibility, the SYNCHRON CX®5 PRO has it all. The state-of-the-art CX5 PRO starts with the wide SYNCHRON chemistry menu to create the ideal full-service workstation for today's laboratory.

Product Features

- Automatic clot detection for uninterrupted workflow
- Automatic checking of serum indices (hemolysis, icterus, lipemia) for high quality test results and process step reduction
- On-board auto-dilution (for immunoproteins and urine chemistries) for minimized sample handling
- Flat-panel monitor for enhanced operator viewing and ease-of-use
- Advanced modem diagnostics to minimize service needs
- Throughput of up to 600 tests per hour for fast sample turnaround
- 29 on-board chemistries for workstation consolidation

SYNCHRON CX®5 Super



The SYNCHRON CX5-S workstation offers a broad menu, including electrolyte testing, targeted to the mid-size lab that processes more than 200 samples per day. Like all SYNCHRON CX-S systems, the CX5-S is easy to use, easy to maintain and easy to acquire.

Product Features

- 28 onboard chemistries
 - 525 tests per hour throughput
 - Up to 63 sample capacity with continuous loading capability
 - Onboard reagent stability of up to 60 days (up to 90 days for electrolyte reagents)
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SYNCHRON CX®7 Super



The SYNCHRON CX7-S workstation offers a broad menu, advanced data management and more. Targeted to the mid-volume lab, the CX7-S is easy to use, easy to maintain and easy to acquire.

Specifications

- 32 onboard chemistries
- 825 tests per hour throughput
- Up to 63 sample capacity with continuous loading capability
- Onboard reagent stability of up to 60 days (up to 90 days for electrolyte reagents)
- Automatic tracking of bar-coded reagents number of tests available, expiration date, lot number, cartridge ID number, onboard dating and calibration status

SYNCHRON CX[®]9 ALX



The SYNCHRON CX9 ALX system is an expanded menu profiler designed to eliminate time-consuming manual processes by as much as 50 percent and deliver faster results to lower your total costs. Featuring the AccuSense[®] glucose oxygen sensor, enhanced data management capabilities and an expanded test menu, the CX9 ALX system offers general and esoteric chemistries, TDMs and DATs, proteins, serologies, and a panel of critical care tests in less than a minute.

Additional CX9 ALX features include:

- Centrifugable sample sectors and a unique autoloader helps streamline the labor-intensive sample handling process
- Unique sectors accommodates virtually every tube size without the use of adapters
- Throughput of up to 900 tests per hour
- Reagent load while running
- Preprinted bar-codes for automated controls and calibration
- Thermal ring and permanent, optical-grade glass cuvettes minimizes maintenance
- No maintenance AccuSense glucose oxygen sensor
- Pulsed-Xenon Lamp has 5-year life decreases service needs
- Liquid, ready-to-use reagents, controls and calibrators minimize preparation
- Data management features such as host-query interfacing
- Design optimized for automation, whether system-based, modular or Total Laboratory Automation

SYNCHRON CX[®]9 PRO Clinical System



Working for a Simple Way to Enhance Productivity ?

For a bold new way to improve your laboratory's testing process, consider the SYNCHRON CX9 PRO. This expanded menu profiler eliminates time-consuming manual processes and helps reduce your laboratory's total turnaround time.

Plus, the CX9 PRO performs a comprehensive line-up of general and esoteric chemistries, TDMs, DATs, proteins and serologies -- and provides test results for nine critical care chemistries in less than.

Streamline your lab's process with:

- Automatic clot detection and correction for uninterrupted workflow
- Automatic checking of serum indices (hemolysis, icterus, lipemia) for high quality test results and process step reduction
- On-board auto-dilution (for immunoproteins and urine chemistries) for reduced sample handling
- Flat-panel monitor for improved operator viewing and enhanced ease-of-use
- Advanced modem diagnostics to minimize service needs
- Throughput up to 900 tests per hour for increased testing efficiency
- 33 on-board chemistries for workstation consolidation

SYNCHRON® CX500 PRO System



How Can You Improve Turnaround Time and Lower Costs?

With a total of 53 on-board assays, an available menu of 146 tests and a host of performance-driven features, the CX500 PRO allows labs to consolidate workstations and automate time-intensive manual processes.

The SYNCHRON CX 5 PRO, Access 2 Immunoassay system and DL2000* intergrate to create a single ideal workstation for low- to mid-volume laboratories.

Increase your performance...

- Wide chemistry menu consolidates electrolytes, DATs, TDMs, thyroids, HbA1c and lipids
- Immunoassay module consolidates tests for a variety of disease states
- Throughput of up to 700 tests per hour
- For clinical chemistry samples, automated clot detection and correction, plus serum indices improve analytical efficiency
- On-board auto-dilution (of immunoproteins and urine chemistries) eliminates testing bottlenecks
- State-of-the-art chemiluminescent technology for immunoassay samples ensures testing accuracy
- Continuous random access for samples, reagents and calibrators provides uninterrupted workflow

Boost efficiency with advanced workflow and results management...

- Single, central console improves overall efficiency and flexibility
- Automatic STAT notification, host add-on tests, bi-directional host query and electronic pending log helps manage sample progression
- Delta checking, review-by-exception and reflex testion optimize effectiveness of labor resources

SYNCHRON CX® 1000 PRO Clinical System



With on-board capacity of 57 assays and an available menu of 146 tests, the CX1000 PRO system easily consolidates testing — so you can maximize your time, your resources and your workload.

The CX1000 PRO creates a state-of-the-art workstation that dramatically streamlines testing and improves efficiency.

Optimize Your Testing

- Wide chemistry menu consolidates multiple testing protocols
- Extensive immunoassay menu consolidates testing for a variety of disease states
- Throughput up to 1000 tests per hour
- Automatic clot detection and correction and serum indices improve analytical efficiency
- On-board auto-dilution for immunoproteins and urine chemistries eliminates testing bottlenecks
- Advanced chemiluminescent technology for immunoassay samples ensures testing accuracy
- Continuous random access for samples, reagents and calibrators

Plug Into The Power Of Advanced Workflow And Results Management

- Single central console improves efficiency
- Automatic STAT notification, host add-on tests, bi-directional host query and electronic pending log help manage sample progression
- Delta checking, review-by-exception and reflex testing optimize effectiveness of labor resources

Contact the Infolab Distribution Center nearest you:

Clarksdale, MS	1-800-647-8222
Fort Oglethorpe, GA	1-800-241-8953
Greensboro, NC	1-800-782-9700
Round Rock, TX	1-800- 322-3882
Ocala, FL	1-800- 734-7584
Zionsville, IN	1-866- 232-7096