

Total Operational Performance

ACL TOP*

General Chemistry
Immunodiagnosics
Centrifugation
Disease Management
Molecular Diagnostics
Hematology
Hemostasis
Lab Automation
Information Systems
Flow Cytometry
Primary Care



Total Operational Performance In Your Laboratory



Continuous loading of bar-coded reagents provides complete walkaway all day, every day.

Designed to meet the increasing demands of high-volume workloads, the ACL TOP is a fully automated, labor-saving coagulation system that helps labs increase testing efficiency and reduce turnaround time. This state-of-the-art system provides clotting, chromogenic and immuno-turbidimetric testing capability to run a complete menu of routine and specialty assays. Plus, the ACL TOP is a powerful, intuitive system that

offers 24-hour/7-day continuous operation without interruption to workflow. With its extensive test menu and advanced features, the high-powered ACL TOP automates testing processes helping your lab maximize labor resources and improve patient care.



Benefits of ACL TOP Include:

User-Friendly System for Increased Efficiency

- Easy to operate with complete walkaway capabilities for improved productivity all day, every day
- Continuous loading and unloading of samples, reagents and cuvettes without interruption
- Simultaneously analyzes specimens, monitors reagents and performs hardware diagnostics
- Intuitive Windows[†] 2000 Professional operating system with user-friendly software and easy-to-use touch-screen monitor
- Sophisticated software scheduling optimizes testing
- Bar-coded reagents allow for fast, simple loading and tracking of on-board reagents; scanner reads multiple bar-code symbologies simultaneously
- On-board operator's manual and help screen provide information quickly and conveniently
- Auto programmable QC and Calibration with built in Auto-verification provides total walk-away capability
- Minimal maintenance allows for increased uptime
- Modern ergonomic design for a safe, functional work environment

* ACL TOP is a registered trademark of Instrumentation Laboratory.

† Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Advanced Features for Improved Patient Care

- STAT samples may be introduced at any time, in any rack and in any position without disrupting operation
- Rerun and Reflex testing enable labs to automatically process abnormal or unexpected sample results
- Clot signature curves help troubleshoot abnormal samples and gather additional clinical information to aid in patient assessment
- Factor Parallelism aids in the analysis of factor assays while helping the laboratory determine the presence of inhibitors
- On-board Quality Control program ensures reliable results



First-class Customer Service and Support

Beckman Coulter's dedicated service and support network is always on call to meet your hemostasis lab's needs. Regardless of which ACL system your lab relies on, you can count on us to ensure that they will continue to operate at peak efficiency for years to come.

ACL TOP System Specifications

Throughput (Base Unit)

PT	Up to 360 samples/hour
APTT	Up to 320 samples/hour
PT & APTT	Up to 330 samples/hour

Capacity

Samples on board	120 (10 samples per rack)
Reagents on-board	44 refrigerated + 16 room temp
Cuvettes on-board	800
Tests per sample	30

Applications

- On-board Up to 500
- User programmable Up to 250

System Features

- Continuous operation
- Continuous sample and reagent loading
- Sample predilution
- Calibration curve predilution
- STAT capability (at any time, in any position)

Barcode Reader

Sample and reagent barcode reader	integrated
Barcoded reagents	barcode includes material name, lot, exp. date and vial size

Software Features

- Rerun testing (configurable)
- Reflex testing (configurable)
- Reaction curves display
- Factor parallelism
- Quality control program (with configurable multi-rules)
- Results autovalidation
- Events log system
- Bi-directional interface
- Host query function
- Security system (configurable)

Database

Patient samples results	15,000 samples
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Operator Interface

Operating System	Windows [†] 2000 Professional
Video Display	17" color LCD touch-screen (external)
Keyboard	Standard
Printer	External

UPS

Power Vac ABCE 800

Dimensions/Weight (analyzer)

Height	59 in.
Weight	30 in.
Depth	29 in.
Weight	344 lbs.

Test Menu

Routine

- Prothrombin Time (PT)
- Activated Partial Thromboplastin (APTT)
- Clauss Fibrinogen
- Fibrinogen (PT-FIB)
- Thrombin Time (TT)
- Factor Assays

Special

- D-Dimer
- VWF (Antigen & Activity)
- Protein C
- Free Protein S
- APCR-V Leiden
- Antithrombin
- Heparin
- LAC Screen
- LAC Confirm



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