

Custom automation for your Hemostasis lab



Hemostasis specialization plus the efficiency of automation

Introducing HemoCell Specialized Lab Automation—the world's first lab automation solution designed specifically for Hemostasis testing.

For Hemostasis testing—and for your specific needs.

Now there's a better choice. HemoCell Specialized Lab Automation gives you a workcell solution just for Hemostasis testing that is also customized to your goals, including:

- Higher throughput
- Shorter turnaround times
- Reduction of pre-analytical issues
- Centralized control of Hemostasis testing
- Retention of Hemostasis expertise in your lab
- Lower operator's exposure to biohazards
- Low implementation impact in the laboratory

Thermo Scientific™
TCAutomation™
Laboratory
Automation System

HemoCELL
SPECIALIZED
LAB AUTOMATION

HemoCell integrates the leading Hemostasis testing system with the efficiency of lab automation.

ACL TOP 750 LAS
LAS Hemostasis
Testing Systems

HEMOHUB *
INTELLIGENT DATA
MANAGER

HemoHub
Intelligent Data Manager

*Not yet commercially available.

HemoCell solutions integrate best-in-class analyzers, reagents and data management

ACL TOP 750 LAS Testing System

Run more tests in less time—user-friendly and high-throughput for Hemostasis testing in laboratories with the heaviest workloads. Now with automated pre-analytical checks and accreditation support.

- Open-system compatible with virtually any CLSI-compliant LAS track
- Continuous-access reagent and cuvette loading for non-stop operation



HemosIL Assays

Accurate, reliable and innovative, from routine to specialty testing through complete disease state management panels:

General Screening and Anticoagulant Monitoring/Testing	Coagulation Factors
D-Dimer	Fibrinolysis
Heparin-Induced Thrombocytopenia	Thrombophilia
Antiphospholipid Syndrome	von Willebrand Disease



HemoHub Intelligent Data Manager

Multisite connection of all ACL testing systems (HemoCell or standalone) and allows users to centrally:

- Manage analyzer Quality Control (QC) simply and efficiently
- View critical results, analyzer status and Hemostasis reaction curves in real time
- Support clinical decision-making
- Optimize operations and facilitate accreditation



HEMOHUB.
INTELLIGENT DATA
MANAGER

TCAutomation

Advanced innovation for optimal workflow efficiency.

- Enables standardization of entire workflow with full range of modules and components



EsFlex module



Centrifuge module



Decapper module

ACL TOP 750 LAS Testing System

Innovation that meets the challenges in Hemostasis testing

Pre-analytical checks help improve quality and patient care

Most Hemostasis testing errors occur during the pre-analytical process of drawing and preparing samples. The ACL TOP 50 Family Series systems, including ACL TOP 750 LAS, help address efficiency gaps, enhancing quality and reducing laboratory errors.

Integrated quality management

- Assay-specific interference detection fails or flags patient results
 - Including Hemolysis, Icterus/bilirubin and Lipemia using pre-set IL-validated or user-defined error or warning thresholds
- Under-filled sample-tube flagging tools
- Abnormal sample aspiration detection alerts operator to check for clog

Advanced quality and accreditation support tools

- The most comprehensive audit trail available. Includes time, date and operator stamps (TDOS) of every operator action.
- Comprehensive and secure one-click audit reports
- System-access restrictions with user-specific login and password
- Second-level password and electronic signature



ACL TOP 50 Family Series systems—a breakthrough in Hemostasis testing.

HemoHub Intelligent Data Manager

Unmatched operational performance and clinical-decision support, all from a single workstation

From standalone analyzers to entire networks, HemoHub Intelligent Data Manager enhances efficiency by improving workflow, decision-making and quality control, ultimately enhancing patient care.

Flexibility to meet specific lab operational needs

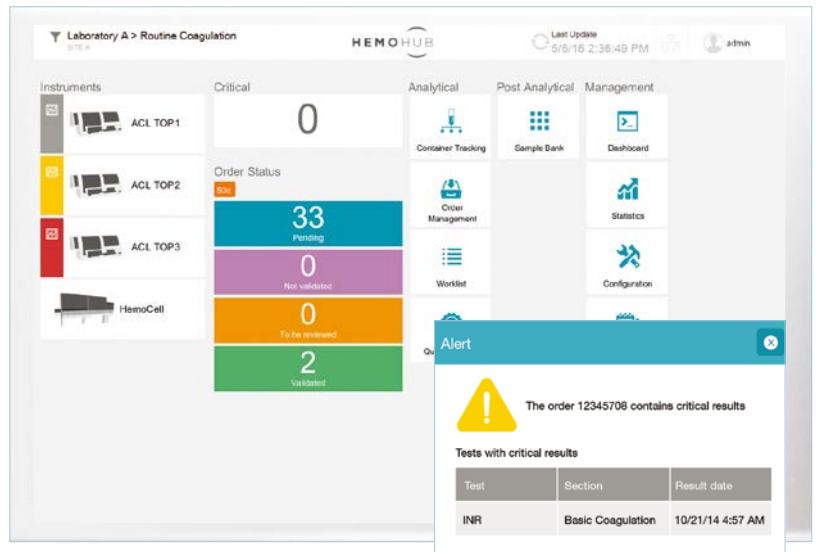
- Scalable for an unlimited number of patient files and analyzer connections
- KPI-configurable dashboard
- Configurable statistical report formats

Efficiency to optimize workflow

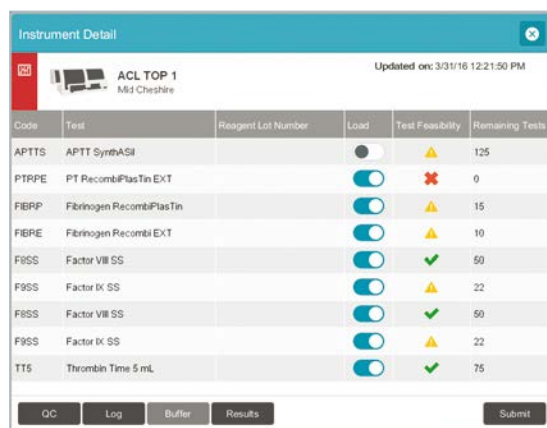
- Simple rerun and reflex processing
- Sample alert flags
- Simplified sample-bank inventory*
- Optimized sample routing to meet each lab's needs*

Quality results for better patient care

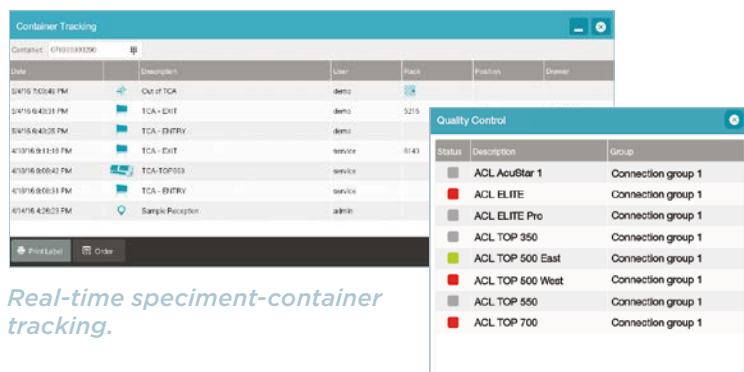
- QC management from one central location
- Easily accessible patient-result histories
- Patient-parameter configured rules
- Integrated accreditation support*



Home screen dashboard with critical result alerts.



Test feasibility by assay with user alerts.



Real-time specimen-container tracking.

View analyzer QC status across departments or network.

HemoHub centralizes management of Hemostasis testing—delivering superior quality management and quality patient results.

*Not yet commercially available.

Advanced automation of pre-analytical, analytical and post-analytical phases* Unmatched workflow optimization

HemoCell Specialized Lab Automation enables end-to-end automation that reduces low-value-added activities, allowing Hemostasis testing technologists to focus on more high-value-added tasks in your lab.

Enhance productivity, improve quality and reduce operating cost by automating all phases of testing:

Pre-analytical: Real-time sample control	Analytical: QA for every result	Post-analytical: Power of HemoHub*
<ul style="list-style-type: none"> • Sample sorting • Centrifugation • Decapping • Customized and intelligent routing 	<ul style="list-style-type: none"> • ACL TOP Family 50 Series sample checks - Hemolysis, bilirubin, lipemia, tube-fill, clot potential • Accreditation support • HemosIL assays 	<ul style="list-style-type: none"> • Centralized QC control • Critical-results monitoring • Clot-signature curves • Custom reflex/rerun rules • Accreditation support

HemoCell combines best-in-class technologies for world-class quality and efficiency.

By joining ACL TOP analytical capabilities, HemosIL assay accuracy and HemoHub centralized control, HemoCell workcell solutions help you meet today's healthcare challenges:

Increase efficiency

- Customize workcell to the specific needs of each Hemostasis lab through hardware modularity and software flexibility
- Standardize all the sample processing steps
- Reduce average sample turnaround time (TAT)
- Maximize lab throughput without compromising efficiency in other testing areas

Improve quality

- Retain the specialization and knowledge of the Hemostasis sector
- Reduce labor and human error potential
- Reduce operator's exposure to biohazards

Reduce cost

- Minimize and simplify implementation process*
- Minimize footprint requirements
- Optimize utilization of analyzers, reagents and consumables



*Not yet commercially available.

Is HemoCell Specialized Lab Automation right for your Hemostasis lab?

Operational and strategic criteria

Operational needs	Strategic needs
<ul style="list-style-type: none">• High-volume routine testing• High-volume specialty testing• Working within a limited floor space/footprint• Implementing within a short timeframe• Maintaining flexibility with high customization capability and simple scalability	<ul style="list-style-type: none">• Retaining Hemostasis expertise in your lab• Working with one supplier for all components (e.g., analyzers, automation modules, track, software)• Attaining the best level of performance in every area of your lab• Selecting the best vendor for each laboratory area—no need to compromise

Why choose HemoCell over TLA?

- Developed exclusively for Hemostasis testing: increases automation capacity for all automated sectors of the lab
- Smaller footprint: requires less space in your lab
- Better customization: allows for complex reflex rules across instruments
- Simpler and faster implementation: means virtually no delay in workflow
- Specific solution: recirculates samples without affecting other workflows



Hemostasis innovation is here.

Only IL offers a specific Hemostasis workcell solution, giving Hemostasis testing labs a long-awaited alternative to Total Lab Automation.

Ask your IL representative about HemoCell Specialized Lab Automation today.



IL is passionate about bringing the most innovative solutions to Hemostasis testing. Offering a broad range of the highest-quality instruments, data management solutions and a full panel of HemosIL® assays—supported by a world-class technical team—IL is committed to enhancing patient care through continuous innovation.

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