

Custom automation for your Hemostasis lab



HEMOSTASIS INNOVATION IS HERE. ►

Integrating the leading Hemostasis testing system with the efficiency of lab automation

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

HemoCell Specialized Lab Automation delivers a customized workcell solution to meet the unique requirements of your Hemostasis laboratory.

- Standardize processes
- Reduce risk, operator exposure and variation in time to result
- Maximize Hemostasis laboratory throughput
- Optimize resources, analyzers, reagents and consumables



Best-in-class analyzers, reagents and data management

ACL TOP 750 LAS Testing System

Top performance for fully automated, high-volume labs.

- Now with automated pre-analytical sample integrity checks
- Continuous track sampling with front-loading capabilities for maximum flexibility



HemosIL Assays

Complete line of automated reagents—for assured results and efficiency.

- Unmatched quality and ease of use
- Integrated assay panels for disease-state management



HemoHub Intelligent Data Manager

Connects all IL Hemostasis and ROTEM® testing systems for centralized management.

- Critical results and analyzer status viewed in real time
- Simple and efficient analyzer quality control management
- Optimized operations and accreditation support



TCAutomation

Advanced automation, customizable to the specific needs of your Hemostasis laboratory.

- Includes hardware modularity



ACL TOP 750 LAS Testing System

Innovation to meet the challenges in Hemostasis testing

Pre-analytical sample integrity checks help improve quality and patient care

Helps address efficiency gaps, enhancing quality and reducing laboratory errors.

- Assay-specific interference detection, including Hemolysis, Icterus and Lipemia using preset IL-validated or user-defined error or warning thresholds
- Underfilled sample-tube flagging
- 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 for 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



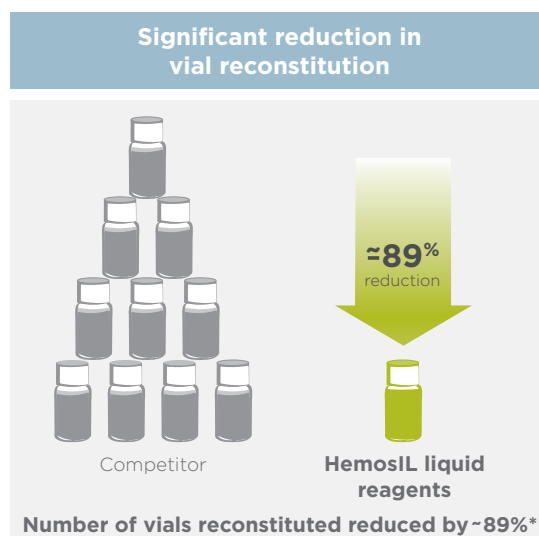
ACL**TOP**750^{LAS}

A breakthrough in Hemostasis testing.

HemosIL Assays

The most comprehensive panel of fully automated Hemostasis reagents

- Routine and specialty testing
- Fast, accurate results
- Liquid, ready-to-use reagents



* Assumes high-volume, routine testing with PT, APTT, D-dimer, Anti-Xa and Fibrinogen assays.

Broadest liquid, ready-to-use reagent portfolio

General Screening and Anticoagulant Testing PT ◆ RecombiPlasTin® 2G ◆ ReadiPlasTin® - INR Validate - ISI Calibrate APTT ◆ SynthASil® ◆ SynthAFax® ◆ APTT-SP Fibrinogen Clauss Fib-C Q.F.A. Thrombin UF/LMW Heparin ◆ Anti-Xa (1-stage) - Heparin (2-stage) DOACs ◆ Dabigatran (DTI)** ◆ Rivaroxaban (Anti-Xa)** ◆ Apixaban (Anti-Xa)** Other Thrombin Time Hepatocomplex** Pro-IL-Complex**	Fibrin Formation and Degradation D-Dimer ◆ D-Dimer HS 500 - D-Dimer 500** - D-Dimer HS - D-Dimer ◆ D-Dimer HS 2000** ◆ AcuStar D-Dimer Fibrinolysis ◆ FDP** - Plasminogen - Plasmin Inhibitor Bleeding Disorders Coagulation Factors Intrinsic Factors Extrinsic Factors ◆ FXIII Antigen von Willebrand Disease ◆ VWF Antigen - VWF Activity ◆ VWF Ristocetin Cofactor Activity** ◆ AcuStar VWF Antigen** ◆ AcuStar VWF Ristocetin Cofactor Activity** ◆ AcuStar VWF CB**	Heparin-Induced Thrombocytopenia ◆ HIT-Ab_(PF4-H) ◆ AcuStar HIT-IgG_(PF4-H) ** Thrombophilia ◆ Antithrombin - Protein C (Chromogenic) - Protein C (Clotting) - Free Protein S (Antigen) - Protein S Activity (Clotting) - FV Leiden (APC-R V) - Homocysteine ◆ Xpert HemosIL FII & FV Antiphospholipid Syndrome ◆ Silica Clotting Time - dRVVT Screen - dRVVT Confirm ◆ AcuStar aCL IgG ◆ AcuStar aCL IgM ◆ AcuStar aβ₂GPI IgG ◆ AcuStar aβ₂GPI IgM - AcuStar aβ₂GPI Domain 1**
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◆ Liquid, ready-to-use format.
 **Not available in all countries.

Key

- Available on ACL TOP systems, including HemoCell connectivity
- For ACL AcuStar® system. Not available on HemoCell
- GeneXpert System

Standardized and automated, for enhanced efficiency and patient care.

HemoHub Intelligent Data Manager

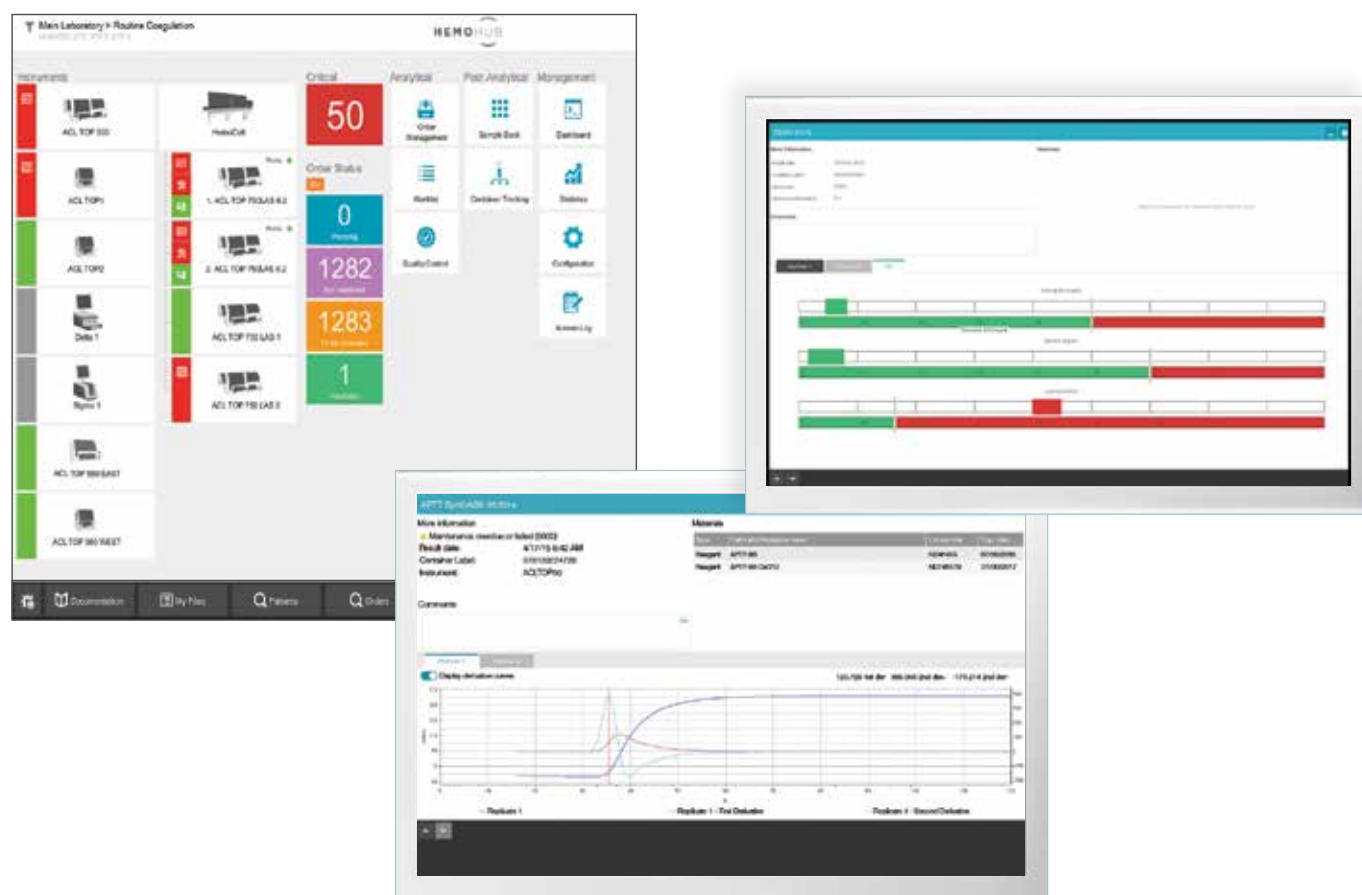
An essential component of HemoCell Specialized Lab Automation, HemoHub centralizes information management for flexibility and workflow efficiency.

View critical results and analyzer status in real time

- Flags samples with critical and outlying results requiring urgent review
- Real-time connectivity status and QC monitoring
- Centralized viewing of test and QC feasibility with user-defined warning limits
- Alerts user to analyzer and sample issues

Supports laboratory decision-making

- Centralized view of clot signature curves for all connected IL analyzers
- Advanced data management of ACL TOP system pre-analytical sample checks
- Centralized access to patient information (Excel®-exportable)
- Flexible rule configuration, based on multiple parameters



Centralized management of Hemostasis testing.

Advanced automation of pre-analytical, analytical and post-analytical phases

HemoCell Specialized Lab Automation delivers end-to-end automation, allowing Hemostasis technologists to focus on value-added activities. By automating all phases of testing, productivity and quality are enhanced, while costs are lowered.

Pre-analysis	Analysis	Post-analysis
• Customized and intelligent routing • Centrifugation • Decapping	• CLSI-compliant point-in-space aspiration from track • ACL TOP 750 LAS sample checks • HIL, tube-fill and abnormal aspiration flags • Comprehensive HemosIL routine and specialty reagents	• Rule-based sample sorting, archiving and rerouting • Critical results monitoring • Clot signature curves • Centralized QC control • Accreditation support • Re-capping

Is HemoCell Specialized Lab Automation right for your Hemostasis lab?

Operational needs

- Flexibility with highly customizable and simple scalability
- Limited footprint requirements
- High-volume routine and/or specialty testing
- Time and cost controls

Strategic needs

- Retain Hemostasis expertise in your lab
- Optimal components and performance in every area of your lab

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—virtually no delay in workflow



Hemostasis specialization with lab automation efficiency.

Hemostasis innovation is here.

Integrating ACL TOP 750 LAS testing systems, HemoHub Intelligent Data Manager, HemosIL reagents and TCAutomation, HemoCell delivers enhanced quality and efficiency, while reducing cost.

Enhance quality

- Standardizes all sample processing steps
- Reduces risk of human error
- Reduces operator exposure to biohazards

Enhance efficiency

- Reduces time-to-result variation
- Maximizes lab throughput
- Optimizes lab resources

Reduce cost

- Increases FTE productivity
- Optimizes analyzer, reagent and consumables utilization
- Reduces footprint requirement

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.

Werfen

Corporate Headquarters

Plaza de Europa, 21-23
08908 L'Hospitalet de Llobregat
Barcelona, Spain
+34-93-4010101
werfen.com

Instrumentation

Laboratory Headquarters

180 Hartwell Road
Bedford, MA 01730 USA
+1-781-861-0710
instrumentationlaboratory.com

Worldwide Locations

The Americas

Brazil
São Paulo
+55-11-46227878
br.werfen.com

Canada
Richmond Hill, ON
+1-800-552-2025 x6115
instrumentationlaboratory.com

Colombia
Bogotá
+57 15 221 052

Mexico
Mexico City
+52-55-5262-1760
mx.werfen.com

Uruguay
Montevideo
+5982-481-81-33

USA
Bedford, MA
+1-781-861-0710
instrumentationlaboratory.com

Asia-Pacific

Australia
Sydney
+61-02-9098-0200
au.werfen.com

China
Beijing
+86-10-59756055
Hong Kong
+852-2792-7773
Shanghai
+86-21-66308671
cn.werfen.com

India
New Delhi
+91-490-29-550
in.werfen.com

Japan
Tokyo
+81-3-5419-1301
jp.werfen.com

Korea
Seoul
+82-1899-9217
kr.werfen.com

Thailand
Bangkok
+66-271-226-28/9

Europe

Austria
Vienna
+43-1-256-58-000
at.werfen.com

Belgium
Brussels
+32-2-7252052
benelux.werfen.com

Czech Republic
Prague
+420-246-090-931
cz.werfen.com

France
Paris
+33-182-30-86-00
fr.werfen.com

Germany
Munich
+49-89-909070
de.werfen.com

Hungary
Budapest
+36-1-882-73-10
hu.werfen.com

Italy
Milan
+39-02-25221
it.werfen.com

Lithuania
Kaunas
+370-37-313157
lt.werfen.com

The Netherlands
Breda
+31-76-5480100
benelux.werfen.com

Poland
Warsaw
+48-22-336-18-00

Portugal
Lisbon
+351-214247312
pt.werfen.com

Russia
Moscow
+7-499-124-45-59
ru.ilwerfen.com

Spain
Barcelona
+34-902-20-30-90
es.werfen.com

UK
Warrington, England
+44-1925-810141
uk.werfen.com

For all other countries visit
international.werfen.com