NEW Hemostasis Testing Innovation

ACLTOP® Family 70 Series

Less steps ←



→ More control

werfen

Advancing Hemostasis testing for improved efficiency and standardization

The **NEW ACL TOP® Family 70 Series** is the next generation of breakthrough Hemostasis systems, offering automated performance verification tools, enhanced connectivity, centralized data management, and control across an entire laboratory network.



Enhanced standardization with flexibility

- Broadest portfolio of standardized Hemostasis systems, designed to accommodate a range of testing volume needs, now enhanced with chemiluminescence technology
- Comprehensive line of HemosIL® reagents, from routine to specialty testing, delivers a superior menu with fewer manual steps*

Elevated performance and quality

- Automated pre-analytical sample integrity checks detect underfilled sample tubes, clogs, and hemolysis, icterus, and lipemia (HIL)

NEW automation and connectivity for greater efficiency

- Automated performance verification tools
- Advanced connectivity for centralized quality control and results management with HemoHub™ Intelligent Data manager
- Security and privacy-by-design with automated updates

*Data on file, Werfen.

Elevating standardization across the network

ACL TOP Family 70 Series systems are ideal for labs with medium-low to very-high volumes—routine or specialty testing.

High-volume and fully automated labs



ACL TOP 770 LAS

Connects to laboratory automation tracks for maximum flexibility and efficiency.

ACL TOP 770 S

Runs more tests in less time—our fastest analyzer for routine and specialty analysis in laboratories with the heaviest workloads.

ACL TOP 770

User-friendly with closed-tube sampling and high throughput—for routine analysis in laboratories with the heaviest workloads.

	ACL TOP 770 S	ACL TOP 770
Throughput (PT/hr)	360	270
Samples on-board	120	120
Reagents on-board	60	60

Highly specialized testing labs



ACL TOP 970 CL

Combines world-leading Hemostasis technology with the analytical performance of chemiluminescence (CL) for on-demand availability of Hemostasis test panels.

	ACL TOP 970 CL
Throughput (PT/hr)	240
Throughput (CL/hr)	30
Samples on-board	80
Reagents on-board	54 (40 vials + 14 cartridges)

Medium-to-high-volume labs



ACL TOP 570

For highly automated testing in routine, medium-to-high-volume, and specialty labs.

	ACL TOP 570
Throughput (PT/hr)	240
Samples on-board	80
Reagents on-board	40

Medium-volume labs



ACL TOP 370

The most compact system of the ACL TOP Family 70 Series for routine or specialty assays in medium-volume labs. Perfect companion to ACL TOP 770 and 570 systems.

	ACL TOP 370
Throughput (PT/hr)	110
Samples on-board	40
Reagents on-board	26

Automating the broadest Hemostasis testing family

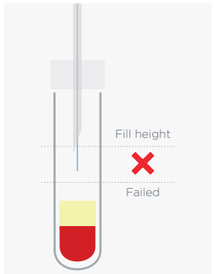
Broadest instrument portfolio with automated pre-analytical checks

- Discrete and validated HIL cutoffs that match reagent package insert claims
  - Values exceeding assay-specific thresholds are flagged
  - Pre-set to validated thresholds with optional customization
- Detects underfilled samples to ensure anticoagulant-to-plasma ratio
- Flags abnormal sample aspiration, prompting user to check for clogs

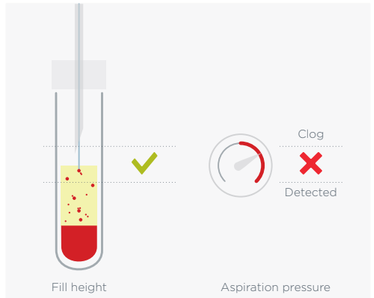
Detects sources of error to ensure quality



HIL detection



Fill height



Clog detection

A standout member of the family

ACL TOP 970 CL



- Enhanced by incorporation of chemiluminescent reagents
- Offers the most comprehensive Hemostasis test panels on demand, for screening, diagnosis, and monitoring

One sample. One system.
One brilliant menu.

Centralized management of QC and performance verification

Enhancing operational efficiency,* together

ACL TOP 70 Series Family

Automated performance verification tools

- Captures and organizes data, simplifying workflow for lot conversion, reference interval, and instrument comparison studies
- Enables reagent lot conversion studies with multiple lots simultaneously on-board
- Eliminates error-prone manual transcriptions of data into a statistical program for report creation
- Enables easy access to study documentation (e.g., lot-to-lot comparison report with pass-fail criteria)

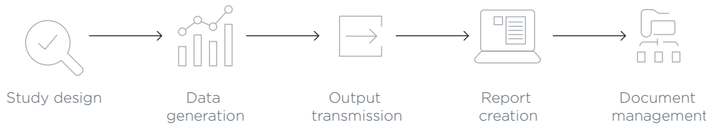
Centralized management of Hemostasis laboratory networks

HEMOHUB INTELLIGENT DATA MANAGER

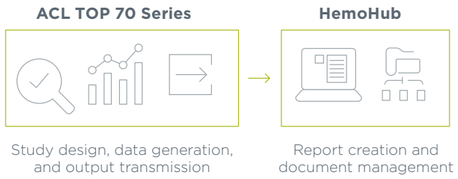
- Synergistic integration allows for uniform application of laboratory's quality management system (QMS), across multiple instruments and multiple sites from one centralized location
- Centrally manages QC rules and acceptance criteria (frequency and Westgard rules)
- Automated data generation designed to reduce manual entry and potential for transcription errors
- Automated report creation and storage, for seamless retrieval and traceability
- Bi-directional communication between instrument and data manager

ACL TOP 70 Series Family ⟷ **performance verification** ⟷ HEMOHUB INTELLIGENT DATA MANAGER

Current process: manual steps



Workflow after automation



*Data on file, Werfen.

Bringing it all together to optimize Hemostasis testing workflow

Centralized management for even greater productivity

HemoCELL SPECIALIZED LAB AUTOMATION

Automated Hemostasis workcell, customized for each lab

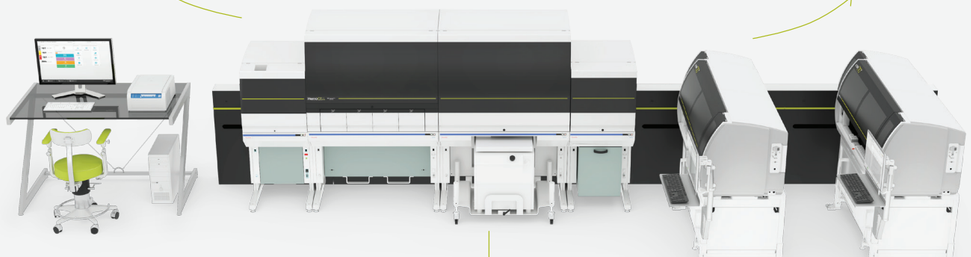
- HemoCell combines ACL TOP 770 LAS, HemoHub Intelligent Data Manager, and HemosIL reagents all in one specialized lab automation solution
- Offers centralized management through synergistic integration across multiple ACL TOP 770 LAS instruments and sites as well as bi-directional communication between instrument and data manager, enabling users to perform setup, validation, QC, and results management all from a single interface
- End-to-end automation, including automated performance verification tools, to enhance productivity
- Werfen workflow specialists partner with each customer to build an automated and customized Hemostasis workcell, and following installation will focus on continuous process improvement



HemoHub
Intelligent
Data Manager



ACL TOP 770 LAS





HemosIL reagents

Expedite clinical decisions for improved patient care.*

*Data on file, Werfen.

NEW ACL TOP 70 Family Series

The latest innovation in Hemostasis testing

- Broadest portfolio of standardized Hemostasis systems
- Automated pre-analytical sample integrity checks
- Automation and connectivity for greater efficiency, including automated performance verification

Standardize Hemostasis testing for enhanced efficiency and patient care

ACL TOP Family 70 Series

New ACL TOP Family 70 Series systems are optimized to operate with a comprehensive panel of HemosIL reagents, for routine to specialty testing.

General Screening and Anticoagulant Monitoring

PT
RecombiPlasTin® 2G
ReadiPlasTin®

APTT
SynthASil®
SynthAFax®
APTT-SP

Fibrinogen Clauss
Fib-C
Q.F.A. Thrombin

UF/LMW Heparin
Liquid Anti-Xa (1 stage)
Heparin (2 stage)

DOACs
Dabigatran (DTI)*
Rivaroxaban (Liquid Anti-Xa)
Apixaban (Liquid Anti-Xa)

Other
Thrombin Time
INR Validate
ISI Calibrate

D-Dimer

D-Dimer HS 500
D-Dimer 500*
D-Dimer HS
D-Dimer
D-Dimer HS 2000*

Antiphospholipid Syndrome (APS)

Silica Clotting Time
dRVVT Screen
dRVVT Confirm
aCL IgM
aß$_2$GPI IgM
aß$_2$GPI IgG†
aCL IgG†

Thrombotic Thrombocytopenic Purpura (TTP)

ADAMTS13 Activity†

Heparin-Induced Thrombocytopenia (HIT)

HIT-Ab$_{(PF4-H)}$
HIT-IgG$_{(PF4-H)}$*

von Willebrand Disease (VWD)

VWF Antigen
VWF Activity
VWF Ristocetin Cofactor Activity*

Fibrin Formation and Degradation

FXIII Antigen
FDP*
Plasminogen
Plasmin Inhibitor
FM*

Coagulation Factors

Chromogenic Factor IX
Intrinsic Factors
Extrinsic Factors

Thrombophilia

Liquid Antithrombin
Protein C (Chromogenic)
Protein C (Clotting)
Free Protein S (Antigenic)
Protein S Activity (Clotting)
FV Leiden (APC-R V)
Homocysteine

*Not 510(k) cleared; not available in all countries | †In development; not currently saleable | Liquid, ready-to-use format | Chemiluminescence

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