

COMPLETE SOLUTIONS,  
MAXIMUM EFFICIENCY

FOR ALL YOUR HAEMOSTASIS  
TESTING NEEDS.



HEMOSTASIS INNOVATION IS HERE. ▶

 **Instrumentation  
Laboratory**  
A Werfen Company

# Innovative solutions for superior performance and maximum efficiency.

Every lab is unique. That's why haemostasis testing solutions must be flexible and scalable in size and scope. Instrumentation Laboratory is passionate about developing the most innovative solutions that offer not only precision and accuracy, but also ease of use and efficiency. Our fully integrated haemostasis testing product line delivers all this and includes a flexible range of automated analysers for routine and specialty testing, as well as a complete line of reagents.

Regardless of your haemostasis testing needs, IL is dedicated to building a solution that is tailored to the needs of each and every lab—one that ensures quality results, optimal workflow and operational efficiency.



## Haemostasis Testing Systems

### A smart solution for every configuration

We offer a complete line of ACL® systems for medium- to high throughput needs, from routine to specialty testing. With so many flexible, standardised and automated options, there's an ideal IL solution for every lab.

## HemosIL Reagents

### Comprehensive and fully automated

Our comprehensive panel of HemosIL assays offers a broad menu of routine and specialty tests for complete disease-state management. Advanced technologies, complemented by end-to-end automation, deliver advanced simplicity while ensuring uncompromised results and cost-efficiency.



One standardised analyser line.  
Many automated advantages.

The **ACL TOP Family** is a complete line of Haemostasis Testing Systems—each designed with the same high standards of operation and functionality to meet the needs of your hospital and lab, regardless of its size or scope. Whether running routine or highly specialised assays, ACL TOP systems provide **Intelligent Testing** in a range of instruments, delivering quality and efficiency in low- to high-volume labs, including those with fully integrated **Laboratory Automation Systems**.

And, because ACL TOP systems are optimized to run with HemosIL reagents, they are part of a **complete disease-state management solution**.

**All ACL TOP systems save time and resources through a single, standardised platform:**

- **Same results**—standardised quality management
- **Same reagents and consumables**—optimised inventory management
- **Same features and usability**—simplified training and enhanced quality of results
- **Same powerful and intuitive software**—ease of use



## For medium-volume labs

### ACL TOP 300 CTS

Newest and smallest ACL TOP analyser for routine or specialty assays in low- to medium-volume labs. Perfect companion to ACL TOP 700 CTS or 500 CTS.

Throughput (PT/hr)	110
Samples onboard	40
Reagents onboard	26

## For medium- to high-volume labs

### ACL TOP 500 CTS

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

Throughput (PT/hr)	240
Samples onboard	80
Reagents onboard	40



## For high-volume labs

### ACL TOP 700

Runs more tests in less time—user-friendly and high throughput for routine analysis in laboratories with the heaviest workloads.

### ACL TOP 700 CTS

Closed-Tube Sampling adds safety in routine, high-volume and specialty labs.

### ACL TOP 700 LAS

Connects to your laboratory automation track for maximum flexibility and efficiency.

	ACL TOP 700 CTS	ACL TOP 700
Throughput (PT/hr)	270	360
Samples onboard	120	120
Reagents onboard	60	60



# HemosIL<sup>®</sup>

Innovative and automated test panel.  
Uncompromised results and workflow efficiency.

Our comprehensive panel of **HemosIL assays** on ACL TOP systems ensures complete disease-state management and provides a total solution for both routine and specialty testing. All ACL TOP systems use the same reagents, **saving time and cost**, and standardising quality management.

## General Screening and Anticoagulant Monitoring

PT  
APTT  
Fibrinogen Clauss  
Thrombin Time  
Hepatocomplex\*  
Pro-IL-Complex\*  
Liquid Anti-Xa  
Heparin (two-stage)

## Heparin-Induced Thrombocytopenia

HIT-Ab<sub>(PF4-H)</sub>\*

## Antiphospholipid Syndrome

Silica Clotting Time  
dRVVT Screen/Confirm

## Coagulation Factors

Intrinsic Factors  
Extrinsic Factors  
FXIII Antigen

## von Willebrand Disease

VWF Antigen  
VWF Activity  
VWF:RCo\*

## Thrombophilia

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

## D-Dimer

D-Dimer HS 500  
D-Dimer HS  
D-Dimer 500\*  
D-Dimer

## Fibrinolysis

Plasminogen  
Plasmin Inhibitor  
FDP\*

\*Not currently 510(k) cleared.

## Xpert<sup>®</sup> HemosIL FII & FV Leiden

Add **GeneXpert** for the most complete Thrombophilia panel.  
Now with **automated molecular technology**.

Fully integrated real-time PCR for FII and FV Leiden genotyping. A complete thrombophilia workup with no wait time.

FII G20210A

FV Leiden



A breakthrough in specialty testing.  
It's about time. And accuracy.

**ACL AcuStar** brings full automation to specialty tests that, until now, required time-consuming manual processes and technical expertise. Chemiluminescent technology, designed specifically for the haemostasis lab, allows superior range and sensitivity compared to ELISA methods.

ACL AcuStar **automates and standardises highly specialized testing** for disease states such as APS and HIT\*, while **enhancing assay performance on routine tests**. Ultimately, ACL AcuStar **saves time and resources**.

- Cartridge-based, ready-to-use, precalibrated assays for unmatched simplicity
- Onboard stability up to 12 weeks for maximum efficiency in reagent utilisation
- Assays available on-demand for analysis 24 hours/day, 7 days/week
- Highly sensitive chemiluminescent immunoassays offer superior accuracy and precision
- Extremely wide linearity ranges, with and without rerun

## HemosIL AcuStar Test Menu

A growing panel of high-performance chemiluminescent assays, with more on the way.

HIT-Ab<sub>(PF4-H)</sub>\*  
HIT-IgG<sub>(PF4-H)</sub>\*

VWF:Ag\*  
VWF:RCo\*  
VWF:CB†  
ADAMTS13 Activity†

D-Dimer

aCL IgG  
aCL IgM  
aβ<sub>2</sub>GPI IgG  
aβ<sub>2</sub>GPI IgM  
aβ<sub>2</sub>GPI Domain 1†

\*Not currently 510(k) cleared.  
†In development. Not currently saleable.



HAEMOSTASIS INNOVATION IS HERE.

## Flexible combinations for complete disease state management The *only* complete Antiphospholipid Syndrome (APS) panel\*



### ACL TOP Family

#### HemosIL Assays

dRVVT Screen & Confirm

Silica Clotting Time

### ACL AcuStar

#### HemosIL AcuStar Assays

Anti-Cardiolipin IgG

Anti-Cardiolipin IgM

Anti-β<sub>2</sub> Glycoprotein-I IgG

Anti-β<sub>2</sub> Glycoprotein-I IgM

\*Meets ISTH guidelines on APS diagnosis.

## The most complete Thrombophilia panel



### ACL TOP Family

#### HemosIL Assays

Antithrombin	Protein S (antigen)
Protein C (clotting)	Homocysteine
Protein C (chromogenic)	Lupus Anticoagulants
Protein S (clotting)	

### GeneXpert System

#### Xpert HemosIL Assays

FII G20210A

FV Leiden

### Werfen

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