

ACL
7000
HEMOSTASIS TESTING SYSTEM

**THE COMPREHENSIVE
AND EFFICIENT SOLUTION**
for the Hemostasis Laboratory.



The Comprehensive and Efficient Solution for Your Hemostasis Lab



Onboard Barcode Reader

Allows easy identification of sample IDs.

Sample Tray

20-position sample tray accommodates barcoded cups or tubes.

Sampling Arm

Advanced liquid level detection system for routine tests optimizes use of liquids and provides real-time information.



Autodilution

- Perform in-line or with a secondary cup, based on required dilution for assay

Random Programming

- Random tests performed using single samples or profiles
- Test requests from LIS or program can be downloaded directly into database
- Audible alarm and on-screen message alert user when sample tray requires more than one rotor for analysis
- Wide range of profiles (up to 10 combinations)

Onboard Patient Database

- Up to 300 patient samples can be stored for up to eight tests each, totaling a maximum of 2,400 test results
- Test programming and demographic information can be downloaded via the LIS query feature or entered through the keypad
- Patient results may include indicator flags relating to system warnings, out-of-range QC and informative messages
- Provides review, print-out and delete functions by load-list, status, ID and other criteria
- Cumulative and sample reports can be generated and printed

Onboard QC Database

- QC module stores up to 10 controls for 10 tests, for a maximum of 100 files
- A unique ID can be assigned to each control and easily programmed into a run
- A user-selectable position on the sample tray can be assigned to each QC control
- Up to 100 test/control combination results can be stored in each QC file
- QC test/control results can be reviewed via Levey-Jennings plot or cumulative results

The Comprehensive and Efficient Testing Platform for Your Hemostasis Lab

ACL TOP® 700

For the large-volume laboratory, provides clotting, chromogenic and immunological assays for routine and specialty testing; CTS model for closed-tube sampling or LAS model, compatible with Laboratory Automation Track Systems, offer added flexibility



ACL TOP 500 CTS

For the medium-to-large-volume laboratory, provides clotting, chromogenic and immunological assays for routine and specialty testing with CTS for closed-tube sampling



ACL AcuStar™

Brings full automation to specialty assays, with chemiluminescent technology, designed specifically for the hemostasis lab



ACL Advance

For the medium-volume laboratory, provides clotting, chromogenic and immunological assays for routine and specialty testing



ACL ELITE®/ACL ELITE PRO

For the medium-to-low-volume laboratory, provides clotting, chromogenic and immunological assays for routine and specialty testing



ACL Classic Systems

Easy-to-use, classic line of compact instruments provides clotting, chromogenic tests and immunological assays for routine and specialty testing. Includes: ACL 7000, ACL 1000*, ACL 200



* Not available in all countries.



Diluters

Precision syringes allow onboard aspiration and dilution, as needed.

Internal Printer

Automatic printing of patient results.

Rotor Holder Compartment

Centrifugal technology with reading at 660 nm (nephelometry) and 405 nm (absorbance).

Keypad

Integrated keypad with spill-proof membrane.

Autodilution and Onboard Barcode Reader



Stored Calibration

- Dedicated stored calibrations available for: PT, Antithrombin, Fibrinogen Clauss, D-Dimer, Heparin, Pro-IL-Complex* and Hepatocomplex*
- Calibration can also be run, together with patient samples, for Factor Assays (High Curve), Protein C (chromogenic), ProClot, Plasminogen and Plasmin Inhibitor. The curve can be stored for subsequent reuse.

Bidirectional Interface

- Sample IDs, test requests and patient demographics downloaded via automatic LIS query
- Test results transmitted to LIS via automatic upload
- ASTM-compliant

Liquid Level Sensing

- Applied during aspiration with immediate user feedback for: PT-Fibrinogen, APTT, TT, Fibrinogen Clauss, Pro-IL-Complex*, Hepatocomplex* tests
- Applied at the end of loading phase, for all remaining tests

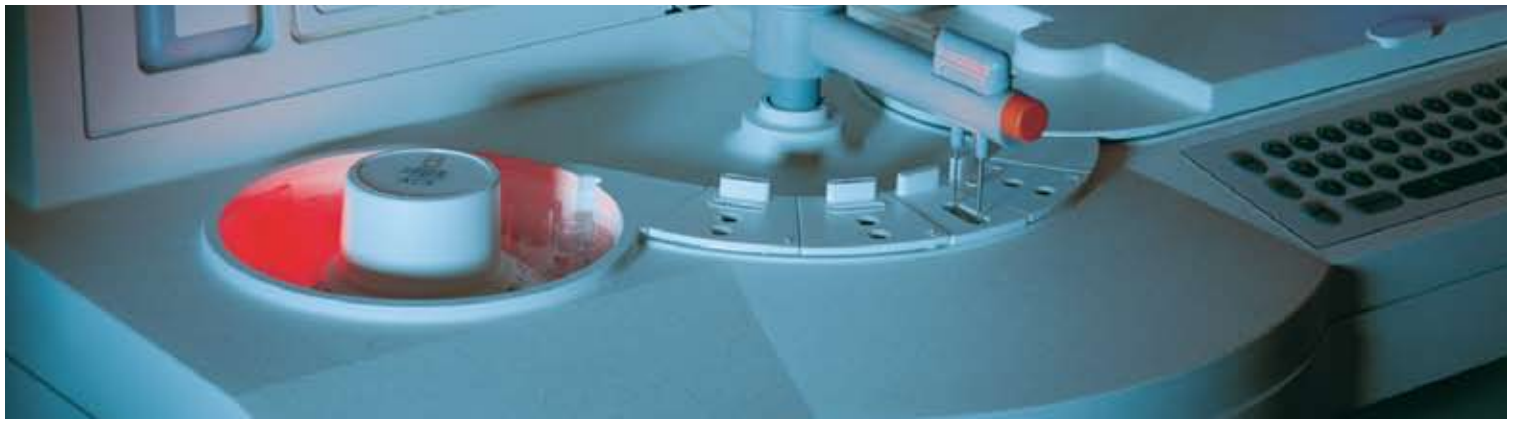
Onboard Barcode reader

- Allows automatic scanning of test tubes for easy sample ID
- User-friendly, LIS query interface

Specialty Testing

- D-Dimer, von Willebrand Factor Antigen and FV Leiden (APCR-V)

* Not available in all countries.



HemosIL[®] Reagents

- Up to 27 applications available on the ACL 7000
- Optimized for IL systems
- Exceptional range of sensitivity allows for consistent and superior performance
- Highest standard of manufacturing and quality control

Comprehensive Test Menu

Routine

- PT RecombiPlasTin
- PT-Fibrinogen-HS Plus
- PT-Fibrinogen-HS
- PT-Fibrinogen
- APTT SynthASil[®]
- APTT-SP
- APTT SynthAFax[®]
- APTT Lyophilized Silica*
- Fibrinogen Clauss
- Thrombin Time (TT)
- Pro-IL-Complex*
- Hepatocomplex*

DVT and PE

- D-Dimer

Thrombophilia Screening

- Antithrombin
- Protein C (chromogenic)
- ProClot
- Protein S (clotting)
- FV Leiden (APCR-V)

Lupus Anticoagulants

- LAC Screen and LAC Confirm

Coagulation Factors and VWF

- FII, FV, FVII, FX Deficient Plasma
- FVIII, FIX, FXI, FXII Deficient Plasma
- von Willebrand Factor Antigen

Other Specialty Assays

- Heparin
- Plasminogen
- Plasmin Inhibitor

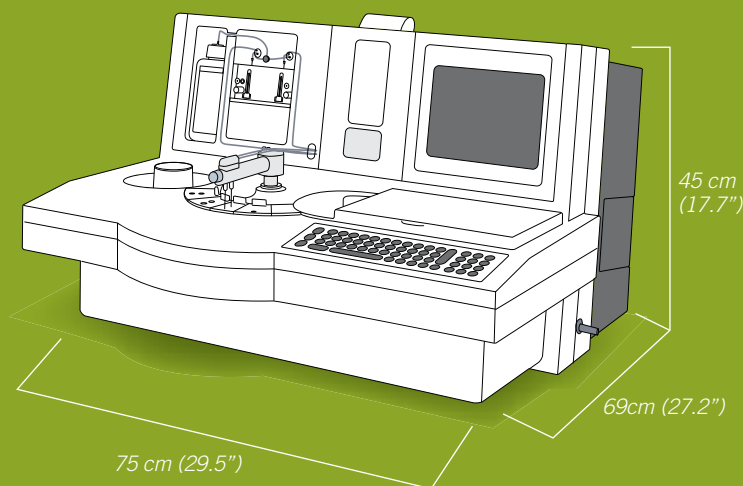
Calibrators and Controls

- Calibration Plasma
- Normal Control Plasma
- Low Abnormal Control Plasma
- High Abnormal Control Plasma
- Special Test Control Level 1
- Special Test Control Level 2
- D-Dimer Controls (Low and High)
- Low Fibrinogen Control

* Not available in all countries

ACL 7000 Technical Specifications

Coagulometric channel.....	YES
Chromogenic channel	YES
Immunological test (D-Dimer and VWF)	YES
Primary tubes	YES
Onboard barcode reader	YES
External barcode scanner.....	Optional
Alphanumeric keypad	YES
Reagent/sample sensors	YES
Preheater	YES
Throughput/hour	
PT-Fib.....	175
APTT	110
Internal printer	YES
Onboard patient database	2,400 test results
Onboard QC database	100 files
Interface to host computer	Bidirectional (ASTM protocol)
Automatic downloading (host query)	YES
Automatic uploading	YES
External printer (optional)	ESC/P2 emulation protocol
Automatic printing on external printer	YES
External DMS.....	Optional (external software package)



At IL, we are passionate about bringing the most innovative solutions to hemostasis testing. Through our ACL products, we offer a variety of the highest quality instruments, all complemented by a full panel of HemosIL assays and supported by IL's worldwide technical team. But more than just a broad hemostasis testing offering, we give you our commitment to continuous enhancements through constant innovation.

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