Instrumentation Laboratory

A Werfen Company

ACL Series

Simple, comprehensive solutions for the HEMOSTASIS LABORATORY

Biosite

MEDICAL INSTRUMENTS

738 Shaw Boulevard, Mandaluyong
1554 Metro Manila

+63 9178512007 +63 9178512008

Intended Use

A bench top, fully automated, random access analyzers designed specifically for in vitro diagnostic clinical use in the hemostasis laboratory for coagulation and/or fibrinolysis testing in the assessment of thrombosis and/or hemostasis. The systems provide results for both direct hemostasis measurements and calculated parameters.

Instruction for Use

A detailed procedure for collection, transport, and preparation of plasma for coagulation testing is necessary since important diagnostic and therapeutic decisions are based on the results of these tests. Many variables are important because they affect the analytical results (for example: type of anticoagulant, storage of the sample, and the collection container for the blood sample. The following procedures are considered standard for any coagulation test.

1. Select Analysis > Sample List in the menu bar.

2. In the Sample List, place focus 1 on a sample ID and select the sample details icon in the toolbar to open the Sample Details screen below the Sample List.

3. In the Sample Details screen select the Test Information tab.

4. In the Test Information tab place focus on a test and select the Test Details icon in the toolbar to view the Test details screen.

5. Select the Previous Job and Next Job icons in the toolbar to scroll through the test results for the sample ID in focus in the Sample List.

Major Parts and Components

Control Module

- Data Management
- Data Reduction
- LIS (Laboratory Information System) Communications
- Sample Identification
- Test materials management
- Fluid Management
- Reporting
- Test Tracking
- QC Management
- Monitoring

Analytical Module

- Analytical Module computer
- Cuvette handling
- Sample area
- Reagent/Diluent area
- Bulk fluids (clean and rinse)
- Waste handling
- Sample handling
- Reagent handling
- Reaction and detection
- Interconnect and power supply
- Cover with safety locks
- Structural Chassis
- Cuvette waste container

TECHNICAL SPECIFICATIONS

Turbidimetric (clotting) channel	●
Absorbance (chromogenic) channel	●
Immunological tests	●
Samples onboard (maximum)	120
Reagents onboard (maximum)	44
Cuvettes onboard(maximum)	800
Sample predilution	●
Calibration curve predilution	●
STAT capability	●
Quality control	●
Patient data storage	●
Reaction curves avaialbility	●
Liquid (sample/reagent) sensor	●
Primary tube capability	●
External barcode reader	●
Internal barcode reader	●
Througput up to PT/hour	240
APTT/hour	180
Automatic downloading	●
Automatic validation	●
Automatic uploading	●
Automatic printing on internal printer	●
Automatic printing on external printer	●
Interface to host computer	Bidirectional
Sample ID	●
Preheating	●
Open applications	●
Cap-piercing	●

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