



MEET THE ECL 760

Advanced Fully Automated Analyser



Making Automation Affordable
for Labs Everywhere

www.erbamannheim.com

ECL 760 ^{vE}

Advanced Fully Automated Analyser

ECL 760 is the larger analyser from Erba hemostasis portfolio.

Developed to offer a small footprint with reduced size and weight, a simple and versatile handling, the ECL 760 supplies total comfort on a easiest integration, maximizing your time and ensuring efficient workflow at your lab.

ECL 760 is an advanced random-access instrument, performs clotting, chromogenic, and immunologic testing and gives user option to define their own assays while allows the consolidation of both: special and routine reagents in one fully automated analyser.

ECL 760 is the right choice to implement in low to medium size laboratories or as a backup in large throughput laboratories.



Key features of ECL 760



RELIABILITY

Reliable and safe testing

- Operator password protection
- Check status of individual samples during testing
- Automatic monitoring on-board reagent levels
- Internal sample barcode scan for automatic and positive ID process



INNOVATIVE

Enhance result management through innovative software features

- User-defined specialty menu with reflex testing and customized profiles
- QC program with automatic Levey - Jennings graph monitors system performance



ROUTINE & SPECIALTY TESTING

Make specialty testing routine through convenient and consolidated testing

- Clotting, chromogenic and immunologic assays
- Workflow consolidation for simultaneous specialty and routine testing
- Maximize high-volume routine workloads with true random-access and walk-away ability
- Auto QC reporting and auto-calibration
- STAT turnaround time priority setting
- Open programming for user definable assays



EFFICIENCY

Better utilize resources with time and money saving features

- On-board reagent cooling
- Configurable reagent racks for different sized vials on a single rack and minimal reagent waste with reagent adaptors
- Automatic reagent level detection
- Simplified daily maintenance (<5 minutes)
- Easy-to-use system handling with intuitive menu structure and tilted color touchscreen
- Flexibility in result management

Powerful

EASY TO USE

Designed to be easy-to-use and accessible the ECL 760 analyser is well received by users all over the world.

ECL instruments were developed to serve as a main or backup system and reach all laboratory needs.



Flexible

VERSATILITY

The ECL 760 meets the needs of many different laboratories providing accomplishment of low turn around times objectives and the opportunity to give faster and the best patients results, since the ECL 760 analyser has the possibility to perform routine and special testing.



Efficient

SAVE TIME

The ECL 760 contributes to efficient lab workflows. Really simple to learn, easy to use with small size, gives the right tranquillity of implementation at any laboratory.

With an intuitive software menu, and reduced training needs the ECL 760 ensures the your team workflow is efficient.



ECL 760 vE

Technical Specifications

SYSTEM INFORMATION

System Configuration

Automatic & Bench coagulometer
 Continuous random access
 Real walk-away

Reagents Area

Up to 23 vials on-board capacity
 1 heated probe
 Liquid level detection function
 Reagent refrigeration 13°C-15°C

Measurement

Principle Photo-optical
 Method Clotting (640nm)
 Chromogenic (405nm)
 Immuno-turbidimetric (575nm)
 7 independent measuring channels

Calibration

Up to 6 calibration levels per assay
 Automatic calibration
 Storage of the active calibration curve
 Auto-calibration reporting

Dimensions

Width 650 mm
 Depth 580 mm
 Height 510 mm
 Weight 53 Kg

Quality Controls

12 different levels of control
 Comprehensive QC program including automatic Levey-Jennings plotting
 Multi Rules

Cuvettes/Disposables

72 cuvettes
 2 cuvette racks
 Radio Frequency Identification (RFID) controller

Software/Connectivity

Workstation	Windows-based operating system
Interface	ASTM Protocol
Host	Bidirectional RS-232 serial port
Printer	Internal thermal printer
Traceability	Result traceability function
	Storage capacity > 10000 data curves

Throughput

PT 60 tests/h
 PT/APTT 40 tests/h

Power Supply

Voltage	100V-240V (+/-10%)
Frequency	50Hz/60 Hz
Power	400VA
Consumption	

Sample Area

27 samples on-board
 Sample racks continuous loading and unloading
 Positive barcode identification
 Automatic pre-dilution & dilution of samples
 STAT sample processing
 Room temperature storage

Environmental Requirements

Operating Temperature: 17-32°C
 Humidity Max.: 85% (non-condensing)



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The Devices are in compliance with the IVDR requirements of CE marking
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