



# MEET THE ECL 760

Advanced Fully Automated Analyzer



NEW VERSION:  
*HIGHER THROUGHPUT*



Making Automation Affordable  
for Labs Everywhere

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# ECL 760 <sup>vE</sup>

## Advanced Fully Automated Analyzer

ECL 760 is the larger analyzer 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 analyzer.

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 analyzer 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 analyzer 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                             |                                  | Reagents Area                           |                                      |
| Automatic & Bench coagulometer                   |                                  | Up to 23 vials on-board capacity        |                                      |
| Continuous random access                         |                                  | 1 heated probe                          |                                      |
| Real walk-away                                   |                                  | Liquid level detection function         |                                      |
|                                                  |                                  | Reagent refrigeration 13 °C–15 °C       |                                      |
| Measurement                                      |                                  | Calibration                             |                                      |
| Principle                                        | Photo-optical                    | Up to 6 calibration levels per assay    |                                      |
| Method                                           | Clotting (640 nm)                | Automatic calibration                   |                                      |
|                                                  | Chromogenic (405 nm)             | Storage of the active calibration curve |                                      |
|                                                  | Immuno-turbidimetric (575 nm)    | Auto-calibration reporting              |                                      |
|                                                  | 7 independent measuring channels |                                         |                                      |
| Dimensions                                       |                                  | Quality Controls                        |                                      |
| Width                                            | 650 mm                           | 12 different levels of control          |                                      |
| Depth                                            | 580 mm                           | Comprehensive QC program including      |                                      |
| Height                                           | 510 mm                           | automatic Levey-Jennings plotting       |                                      |
| Weight                                           | 53 Kg                            | Multi Rules                             |                                      |
| Cuvettes/Disposables                             |                                  | Software/Connectivity                   |                                      |
| 94 cuvettes                                      |                                  | Workstation                             | Windows-based operating system       |
| 2 cuvette racks                                  |                                  | Interface                               | ASTM Protocol                        |
| Radio Frequency Identification (RFID) controller |                                  | Host                                    | Bidirectional RS-232 serial port     |
|                                                  |                                  | Printer                                 | Internal thermal printer             |
|                                                  |                                  | Traceability                            | Result traceability function         |
|                                                  |                                  |                                         | Storage capacity > 10000 data curves |
| Throughput                                       |                                  | Power Supply                            |                                      |
| PT                                               | 100 tests/h                      | Voltage                                 | 100V-240V (+/-10%)                   |
| PT/APTT                                          | 60 tests/h                       | Frequency                               | 50 Hz / 60 Hz                        |
|                                                  |                                  | Power                                   | 400 VA                               |
|                                                  |                                  | Consumption                             |                                      |
| Sample Area                                      |                                  | Environmental Requirements              |                                      |
| 27 samples on-board                              |                                  | Operating Temperature: 17–32 °C         |                                      |
| Sample racks continuous loading and unloading    |                                  | Humidity Max.: 85 % (non-condensing)    |                                      |
| Positive barcode identification                  |                                  |                                         |                                      |
| Automatic pre-dilution & dilution of samples     |                                  |                                         |                                      |
| STAT sample processing                           |                                  |                                         |                                      |
| Room temperature storage                         |                                  |                                         |                                      |



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