



COAX

Semi-automated coagulometers

- 1, 2 or 4 optical channel.
 - Prepared for the daily routine and the upcoming requirements.
 - High quality in the results.
 - Nearly maintenance free.
- COAX is ideal for small and medium laboratories that require minimum manual intervention in performing routine coagulation assays. It is designed to simplify coagulation testing making it more standardized and reproducible.
 - The COAX Family is designed to carry out coagulometric tests such as PT, PTT, TT, fibrinogen, single factor tests, chromogenic and immunoturbidimetric tests (for instance Antithrombin, D-dimer etc.)

Specifications

| Code | 85001 | 85002 | 85004 |
|-------------------------|----------------------------|--------------------|-------------------|
| Optical channels | 1 | 2 | 4 |
| Wavelength (µm) | 620 (red) | 405 (UV) | 405 (UV) |
| Global Coag. Tests | PT, APTT, TT, FIB | PT, APTT, TT, FIB | PT, APTT, TT, FIB |
| Specific Coag. Tests | - | individual factors | |
| Chromogenic Coag. Tests | - | AT,PC | |
| Cuvette, total volume | Single, 75µL | Single, 75µL | Single, 75µL |
| Real Time Clock | Yes | Yes | Yes |
| Display | Color Touch screen display | | |
| Dimensions | 230 x 140 x 90 mm (l,b,h) | | |
| Interfaces: RS 232 (2x) | Printer, barcode reader | | |
| USB (2x) | Network, Firmware update | | |

- Biosystems Coagulation reagents include the main diagnostic tests and they are characterized by high stability and a good performance using low volume consumption. These reagents can be performed in semiautomatic and automatic coagulation instruments, independently of the kind of clot detection method (optical and mechanic).
- Coagulation is a change of physical state of the blood due to the conversion of a soluble plasma protein, fibrinogen, into a solid gel, fibrin.
- The management and control of anticoagulant therapy and the assessment of pre and post surgical states, among others requires a proper evaluation of the coagulation cascade. Several tests help the physician in the diagnosis of alterate coagulation states and management of coagulopathy.
- The coagulation reagents have been specifically validated to Biosystems coagulometers.

Reagents

| CODE | PRESENTATION | DESCRIPTION |
|-------|--------------|---|
| 61000 | 4 x 3 mL | Thrombin Time (TT) |
| 61001 | 4 x 5 mL | Prothrombin Time (PT) |
| 61002 | 4 x 2 mL | Fibrinogen Clauss |
| 61009 | 4 x 4 mL | Activated Partial Thromboplastin Time (APTT) + CaCl ₂ (15mL) |
| 61006 | 4 x 1 mL | Coagulation Calibrator |
| 61007 | 4 x 1 mL | Coagulation Control I |
| 61008 | 4 x 1 mL | Coagulation Control II |

Consumables

| CODE | PRESENTATION | DESCRIPTION |
|-------|--------------|-----------------------------|
| 85020 | 1 | Cuvettes (Bag of 500 Units) |



- Lyophilized reagents
- Thrombin (TT and Fib) of human origin
- Low volume reagents consumption
- PT ISI values. 1.2-1.3



BioSystems Diagnostics Private Limited

A4, SIPCOT Industrial Park | Irungattukottai | TN-602105
 Ph:+91-44-30341911 | Email: customersupport@biosystems.in
 www.biosystems.in