

ROBONIK



ROBONIK®

FOURCLOT

Four Channel Coagulation Analyser



CE

Timeless Solution to measure
Clot Base & Photometric Assays

Special Features :

Coagulation :

- Four independent programmable coagulation channels for faster throughput.
- Display online results of all four channels simultaneously on single screen.
- Designed to perform all routine & special tests such as PT, APTT, TT, Fibrinogen, Factor II, V, VII, VIII, IX, X, XI, XII.
- Uniform mixing of Sample & Reagent with magnetic stirrer.
- Automatic sensing of sample/reagent dispensing to start the measurement.
- Multipoint Calibration curve with user entered standard dilution % in FIB and Factor Assay.

Photometer :

- Independent channel for Photometric assays.
- Multipoint calibration curve with maximum 7 calibrators for Photometric assays.
- Chromogenic assays antithrombin III (AT-III), protein C (PC), protein S (PS), D-dimer.

Common Features :

- Effective temperature regulation system.
- Robust system with built in stabilizer.
- Storage Capacity of 250 open tests with QC and more than 2500 results.
- Independent memory for Coagulation and Photometric mode.
- Unique circuitry for long lamp life.
- Human machine interface : Touchpad, Keypad.
- Quality Control with Levey Jennings and standard deviation graphs.

Technical Specifications :

Coagulation :

Measuring System	:	Photometric
Optical Measurement	:	Photodiode
Measurement Volume	:	150µl
Sample & Reagent Mixing	:	With Magnetic Stirrer
Dry Block Incubator	:	24 Positions Temperature at 37°C
Light Source	:	LED / LASER / With 450 nm
Analysis Mode	:	PT, APTT, TT, Fibrinogen, Factor Assay (Factor II, V, VII, VIII, IX, X, XI, XII)
Results Displayed in	:	Seconds, Ratio, INR, Concentration and %

Photometer :

Linear Measurement Range	:	0.000 to 3.000 Absorbance Units (A)
Photometric Accuracy	:	± 2% or 0.007 Whichever is Higher, From 0 to 1.5 A ± 3% from 1.5 A to 3.0 A
Optical Measurement	:	Photodiode
Cuvette Volume	:	500 µl
Filters Interference	:	405, 630 nm (optional)
Light Source	:	Tungsten Halogen
Warm Up Time	:	90 Seconds
Analysis Mode	:	• Absorbance • Kinetic • End Point • Fixed Time

Common :

External Interface	:	RS 232 Serial Port
Power	:	50 Watts / 115 – 230 Volts ± 50 / 60 Hz
Operating Position	:	On Horizontal Flat, Rigid and Vibration Free Surface
Operating Conditions	:	
Temperature	:	From + 18° C to 35° C
Relative Humidity	:	Up to 85 %
Size (cms)	:	34.5 X 30 X 14.7 (l x b x h)
Weight	:	5.4 kg (Approx)

Due to continuous development, specifications are subject to change without prior notice.



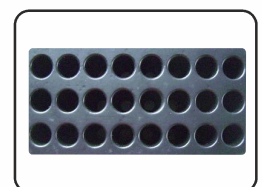
Display



4 Coagulation Channels



1 Photometric Channel



24 Positions Incubator



Printer