

Sr. No	Specification Parameter	Description
1	Principle	Turbo-densitometric
2	Method	Opto-Mechanical
3	Reagent type	Open/closed
4	Test performed	PT, APTT, TT, FIB
5	Test channel	One
6	Test wavelength	630nm
7	Reagent position	2
8	Sample position	4
9	Temperature control	37°C +/- 0.4
10	Precision test of PT APTT TT FIB	%CV<=5 %CV<=5 %CV<=10 %CV<=10
11	Memory of tests stored	1000 results
12	Measurement time in sec	600sec
13	Display	16X2 LCD
14	Power supply	100 - 250Vac, 50/60 Hz
15	Communication interface	RS232, USB for back up
16	Printer	Thermal printer
17	Operating environment	Ambient temperature 2-50°C and relative humidity 10-85%
18	Weight	Approx 1.5Kg
19	Dimensions	220x200x85 mm

**Disclaimer** : Specifications mentioned here with are subject to **change** by the manufacturer without prior notice.

## AGD ThromboPak



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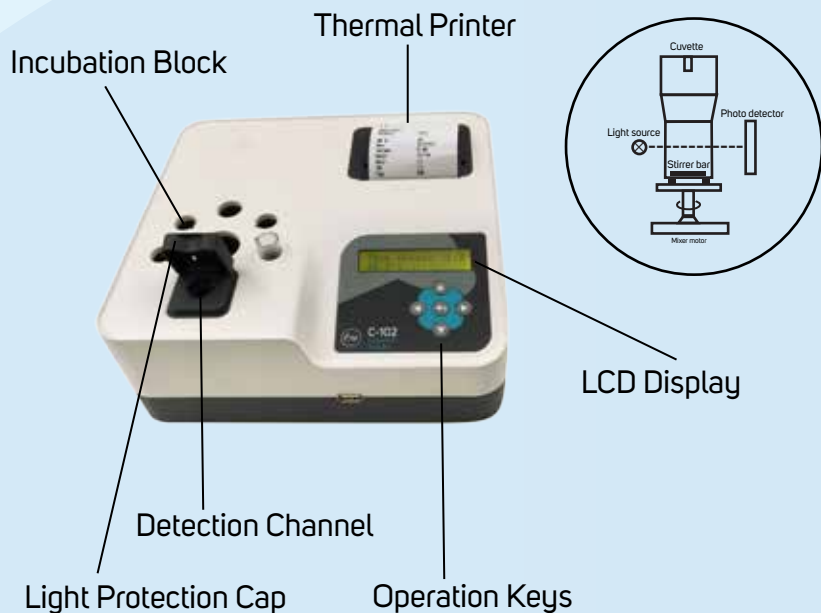
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# C-102



## Semi -Automated Blood Coagulation Analyzer

## Advanced C-102 Semi-automated Blood Coagulation Analyzer provides fast & accurate results with less reagent sample consumption.



### Turbo-Densitometric Measuring Principle

Turbo-densitometric Principle uses Mechanical & Optical Method .

LED is used as a Source of light. A Light beam passes through the cuvette containing the Reagent & Plasma.

Change in the intensity of light transmitted is converted into an electric signal.

The cuvette containing stir bar is used. Stir bar mixes the reagent & plasma forming a small whirl. The whirl helps in detecting the smallest fibrin clot.

Stirring mechanism & Optical method together constitute the basic feature of turbo-densitometric measuring principle.

### Convenient

- Small footprint
- Designed for low volume laboratories or as a backup for high workload
- Latest LED technology
- Pre-programmed parameters
- Light Protection cap, prevents stray light and dust.

### Ease of Access

- Built in timer
- Auto-start Function
- On- screen real-time display of measuring seconds
- Prior Beeper during testing, provides accuracy & efficiency

### Economically Reliable

- Less sample & reagent consumption compared to Manual method
- Short incubation time increases throughput of the system
- Built in Thermal Printer
- Environment friendly system with minimum use of accessories
- Less user maintenance

### Parameters

- PT-Prothrombin Time
- APTT-Activated Partial Thromboplastin Time
- Fbg-Fibrinogen
- TT - Test Thrombin