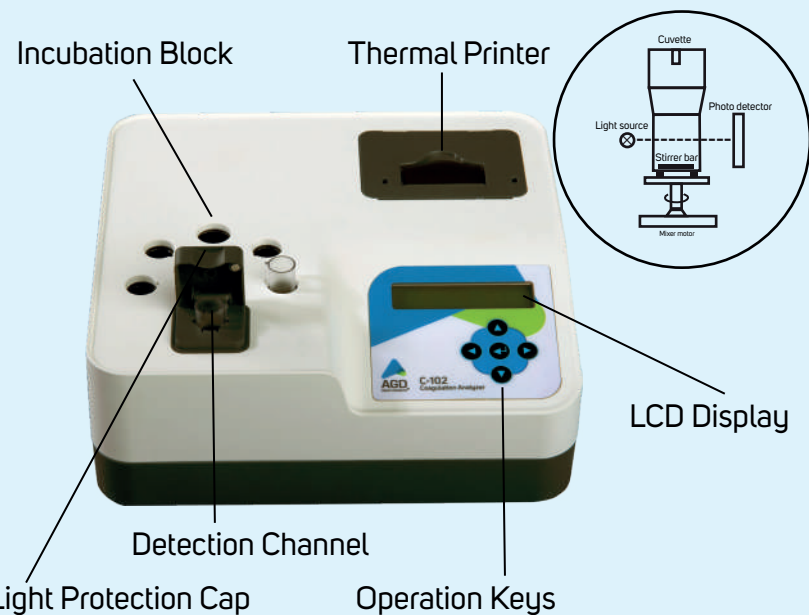


Advanced C-102 Semi-Automatic Blood Coagulation Analyzer provides fast & accurate results with less reagent sample consumption.



Turbo-Densitometric Measuring Principle

Turbo-densitometric Principle uses 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
- TT - Thrombin Test
- FIB - Fibrinogen

C-102	
Test Parameters	
Incubation Time:	60 Sec
Reagent Vol:	100 uL
Ref L:	8.0 Sec
Ref H:	13.5 Sec
ISI:	1.05
MPT:	13.00
Replication status:	0
C.V.:	5

Sample Result	
Parameter:	Value

SMP ID:	125
Date:	11/11/2022
Testname:	PT_ACD
Result:	11.8 Sec
Ratio:	0.9
INR:	0.9
Percent:	> 100
Flag:	-