



HEMOSTAR 4CA

Automated 4 Channel Coagulation Analyzer

KEY FEATURES

- Photo-optical measuring principle
- Test Menu - PT, APTT & FIB
- Automatic/Manual calibration
- Auto sample dilution & rerun.
- Tilted reagent position for maximum reagent utilization.
- Probe internal & external cleaning
- QC – multilevel with LJ graph.
- Manual testing mode for backup
- User friendly windows based
- Compatible with
 - Uniplastin System pack (PT)
 - Liquicelin-E System pack (APTT)
 - Fibroquant System pack (FIB)

TECHNICAL SPECIFICATIONS

General specifications:	
System	Random Access, Bench top, Automated Haemostasis analyzer
Measuring principle	Clotting & Immunologic
Operation	External Windows based PC
Software	Windows based
Optical System:	
Light source	LED (630 nm)
Detector	Photodiode
Measuring channels	4 (controlled at 37°C ± 1°C)
Liquid Handling System:	
Probe	Liquid level sensing, Reagent preheating Internal & external cleaning
Syringe capacity	5 µl - 500 µl
Reagent & Sample management:	
Reagent Positions	6 with refrigeration
Sample Positions	5 (continues loading & flexible for use as reagent position)
Wash Station	1
Cleaning position	1
Dilution	Automatic /Manual
Pipetting volume	5 µl - 200 µl (Reagent / Sample)
Reaction Cuvettes	Disposable Cuvettes
Assay Management:	
Assays Menu	PT, APTT & FIB
Assay Methods	Test, Calibration, QC
Test run	Random Access
Replicates & rerun	Automatic & User defined

Calibration	Automatic / Manual calibration
Reaction volume	150 µl – 300 µl
QC Management:	
Controls	Multi level
QC Rules	QC Limit & West-guard multi-rule
Graphs	Levy Jennings with Mean, SD & CV
Result Management:	
Reporting	Sec, %, INR, OD, mg/dl, IU/ml, ng/ml
Curves	Calibration & Reaction curve
Others:	
Data Management	History, Back up, Statistics, User login, LIS
Computer	Windows based PC with standard configurations
Connectivity	RS 232 serial port
Power	AC 230V, 50Hz
Fuse	2 A
Weight & Dimension	20 Kg, 530mm X 470mm X 430mm (L X W X H)
Cat. No.	845HS000004

LIST OF STANDARD COMPONENTS SUPPLIED ALONG WITH THE INSTRUMENT

Components	Qty	Components	Qty
1. Power Cord	1 No.	9. Blank Vial	10 Nos.
2. User Manual	1 No.	10. Operating processing card	1 No.
3. RS- 232 cable	1 No.	11. Software CD	1 No.
4. Dust cover	1 No.	12. Waste Bottle Sensor	1 No.
5. X2 Vial	1 No.	13. Distilled Water Sensor	1 No.
6. Cuvettes	80 Bars	14. Buffer Vial	1 No.
7. Distilled Water Bottle (5L)	1 No.	15. Cleaning Needle	1 No.
8. Waste Bottle (1L)	1 No.		

ACCESSORIES/CONSUMABLES FOR USE WITH HEMOSTAR AUTO 4CA

Accessories/Components	Cat No.	Pack Size
Cuvettes	845HC000001	240 Bars/Box
Wash Solution	110600250	250ml