

Thrombostat

Automated Coagulation Analyser



Innovative Technology
for complete flexibility

Features:

- Open system
- Easy to use
- Mechanical measuring system
- Designed for both Laboratory & Mobile use
- Can determine all coagulation parameters
- Maintenance free

The principle is simple

Starting

When switched on, the Thrombostat automatically checks all important functions.

Incubating

The measuring cuvette, with the sample or reagent, is placed into one of the incubation positions.

Measuring

Upon completion of incubation, the cuvette is placed in the measuring channel. The measurement is then started by using either a special Start-pipette or by using the countdown timer in connection with any commercial pipette. Upon completion of the measurement, the results are automatically calculated and displayed.

The Thrombostat at a glance

Specifications	Thrombostat 1
Measuring Channel	1
Test	PT, APTT, TT
Sample Type	Whole Blood, Plasma, Capillary citrated blood
Reagent Position	5
Measuring Volume	150–400 µl
Value Output	INR or Seconds
All standard reagents	✓
Error Control	Output of error criteria
Dimension (W x H x L)	113 x 68 x 207 mm
Weight	1.1 kg
Operating Voltage	115/230 V, 50-60 Hz
Power consumption	16 VA
Shipment Includes	Main cable, ball dispenser, dust cover

*Comprehensive range of
High Quality Hemostasis Reagents
are also Available*

Effective in practice

The mechanical measuring system

A sensor monitors the ball rotating on the bottom of the cuvette.


Three parameters leads to the positive detection of a developing coagulum:

- A large coagulum is created which stops the ball on the wall of the cuvette.
- A softer, slower coagulum build-up directs the ball towards the center of the cuvette.
- A change in the sample's viscosity causes a delay in the ball's movement.



For commercial and product related query, please contact :

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Specification may change without prior notice


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