

Innovative Technology for complete flexibility



Thrombostat

Our specialists for whole blood

- Easy to use
- Designed for both laboratory and 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.

Effective in practice

The mechanical measuring system

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

Three parameters lead 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 centre of the cuvette.
- A change in the sample's viscosity causes a delay in the ball's movement.

The flexibility

In the laboratory, at the patient's house, or on the move: The Thrombostat can be used almost anywhere. It works with all standard reagents and sample types.



The Thrombostat at a glance

	Thrombostat 1	Thrombostat 2
Measuring channels	1	2
Incubation positions	5	4
Reagent positions	1 - 5	1
Double determination	-	✓
Value output	INR or seconds	% INR, Ratio, mg/dl, g/l or seconds
All standard reagents	✓	✓
Processes calibration curves	-	✓
Incubation timer	-	✓
RS232 interface (PC/Printer)	-	✓
Dimensions (W x H x L)	113 x 68 x 207 mm	130 x 85 x 270 mm
Weight	1.1 kg	2.0 kg
Operating voltage	115/230 V, 50-60 HZ	115/230 V, 50-60 HZ
Power consumption	16 VA	20 VA
Shipment includes	Mains cable, ball dispenser, dust cover, consumables for the first tests	
Optional	Start-pipette 25-250 µl Car adapter (10-26 V)	

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Thrombostat

Reliable.
 Innovative.
 Flexible.