

# Thrombostat

## Simple. Clever. Reliable.



The Thrombostat is a semi-automated mechanical in vitro coagulation analyzer which delivers high quality results with simplicity and reliability.

- **Measuring system**

The mechanical measuring system with a magnetic sensor which is monitoring a rotating steel ball on the bottom of the cuvette is able to detect the coagulation in whole blood and plasma samples. Different parameters lead to clot detection; the ball stops due to a strong clot or the ball is centered to the middle of the cuvette due to a weak clot.

- **Flexibility**

After switching on the system automatically checks all important functions and is ready for use in a short time.

- **Standardized workflow**

With definable incubation time for the test, as well as acoustic or visible signal when finished, incubating sample and reagent is easy. A countdown timer ensures the pipetting of start-reagent exactly after start of the measurement.

## Thrombostat Specifications:

	Thrombostat 1	Thrombostat 2
Measuring channels	1	2
Incubation positions	5	4
Reagent positions (37 °C)	1-5	1
Test volume	150-400 µl	150-400 µl
Double determination	X	✓
Whole blood samples	✓	✓
Value output	INR or seconds	%, INR, Ratio, mg/dl, g/l or seconds
All standard reagents	✓	✓
Processes calibration curves	X	✓
Incubation time	✓	✓
Maintenance-free	✓	✓
RS232 interface	X	✓
Operating voltage	115/230 V, 50-60 HZ	115/230 V, 50-60 HZ
Power consumption	18 VA	20 VA
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
Shipment includes	Mains cable, ball dispenser, dust cover, consumables for the first tests	



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