

# Innovative Technology for complete flexibility

[www.syrisbiotech.com](http://www.syrisbiotech.com)



## 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 samples viscosity causes a delay in the balls movement.

### The flexibility

In the laboratory, at the patients 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

Measuring channels	1
Incubation positions	5
Reagent positions	1 5
Double determination	
Value output	INR 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
Weight	1.1 kg
Operating voltage	115/230 V, 50/60 HZ □
Power consumption	16 VA
Shipment includes	Mains cable, ball dispenser, dust cover, consumables for the first tests
Optional	Start-pipette 25250 µl Car adapter (1026 V)

Marketed by :

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Manufacturing by

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## Thrombostat

Reliable.

Innovative.

Flexible.



ISO 9001:2015 Certified