

# Thrombotrack™

## SOLO

Single channel Coagulometer for  
whole blood and plasma with  
INR calculation



For measurement of INR using  
Thrombotest™ reagent and all other  
coagulation clotting tests

- Automatic start when using start pipette
- Software system controls the reaction procedure

# Thrombotrack™

## SOLO

### Description

The Thrombotrack™ SOLO is a single channel, processor driven coagulometer. Coagulation is detected by a change in viscosity, which occurs upon clot formation.

For PT testing, the instrument calculates the INR value from a user-defined MNPT and ISI value.

### Detection principle

A magnet located beneath the test cuvette causes a steel ball to rotate in the reaction chamber. This enables the sample to be optimally and gently homogenised. A sensor is used to monitor the rotation of the steel ball. As a result of clot formation, the viscosity change will make the ball either stop or divert towards the middle of the test cuvette. In both cases, the sensor signals the changes and the coagulation time is recorded.

The clot formation is reliably detected and without any interference from turbid plasma.

### Test procedure

Turn the instrument on by the switch on the rear of the instrument. The message "cold" appears. The "cold" message remains until the instrument has reached the correct operating temperature, which takes a few minutes.

1. When the working temperature is reached, "0.0" appears
2. Place the test cuvette with the steel ball in the incubation position
3. Pipette the reagent into the test cuvette and set for preheating
4. Place the test cuvette in the measuring position and reset to zero
5. When adding the sample with the start pipette, the measurement will start automatically
6. Upon clotting, the coagulation time or INR is displayed

### Technical data

Operating voltage:	220-240 V/50-60 Hz/20VA 110-120 V/50-60 Hz/20VA
DC voltage:	10-26V/20VA
Dimensions:	5 x 11 x 20 cm (H x W x L)
Weight:	1 kg

### Ordering data

Prod. No.	Product	Quantity
1114717	Thrombotrack™ SOLO <u>includes:</u> Test cuvettes Steel balls Steel ball dispenser Dust cover Mains unit with cable	1 500 500 1 1 1
1114960	Automatic pipette 20-200 µl	1
1003382	Steel balls (1 box)	500
1109651	Test cuvettes (1 package)	50

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