THROMBOTRACK® Select 2

2-channel Coagulometer

- Two measuring channels
- Four incubation positions
- One reagent position
- for PT, aPTT, Thrombotest, Fibrinogen and factors determination.
- Single or double determination
- Value output in %, INR, Ratio, mg/dL, g/L and seconds
- Plasma-, capillary- and whole blood samples can be used
- Sample volumes between 150 - 400 µL
- High sensitivity by small balls
- Socket for a start pipette
- Manual or automatic coagulation start
- One RS 232 interface

Measuring principle

A sensor monitors the ball rotating on the bottom of the cuvette. When a large coagulum is created, the ball is stopped on the wall of the cuvette. A softer, slower coagulum build-up either slows the ball´s movement or directs it towards the centre of the cuvette.

The following three parameters lead to the positive detection of a developing coagulum:

Firstly: the ball does not pass the sensor because a firm clot has stopped it at the edge of the cuvette.

Secondly: the ball is no longer detected, because it has been directed toward the centre of the cuvette by a soft clot.

Thirdly: the impulse sensor detects a delay in the ball's speed caused by a change of viscosity in the sample.

Technical data

Mains adapter for 120 V or 230 V, 50–60 Hz
Power consumption: 20VA
Weight: 2 kg
Dimension: 130 x 85 x 270 mm (WxHxL)

Ordering information

REF 9920060 THROMBOTRACK® Select 2

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