Behnk Elektronik

Thrombotimer

Easy. Innovative. Reliable.







The Thrombotimer is a semi-automated opto-mechanical in vitro coagulation analyzer which delivers high quality results and meets the demands of standardization in labs.

- **Measuring system**
  The opto-mechanical measuring system is a combination of a light source which adjusts to the samples turbidity and a rotating steel ball. Different parameters lead to clot detection. The light signal decreases due to a strong clot. Clots are centered by the rotation of the ball and this amplifies the measuring signal. Due to the centering of weak clots, the remaining fibrinogen is rapidly removed and guarantees a strong signal.
- **Flexibility**
  After switching on the system automatically checks all important functions and is ready for use in a short time.
- **Standardized workflow**
  With a definable incubation time for the test, as well as acoustic and visible signal when finished, incubating sample and reagent is easy. The system starts the measurement automatically upon start-reagent addition by using a standard laboratory pipette.

Thrombotimer Specifications:

	Thrombotimer 1	Thrombotimer 2	Thrombotimer 4
Measuring channels	1	2	4
Incubation positions	2	4	8
Reagent positions (37 °C)	2	2	4
Test volume	150-300 µl	150-300 µl	150-300 µl
Double determination	X	✓	✓
All standard reagents	✓	✓	✓
Processes calibration curves	✓	✓	✓
Test-specific Incubation time	✓	✓	✓
Maintenance-free	✓	✓	✓
RS232 interface	✓	✓	✓
Operating voltage	100/240 V, 50–60 HZ	100/240 V, 50–60 HZ	115/230 V, 50–60 HZ
Power consumption	20 VA	20 VA	30 VA
Dimensions (W x H x L)	125 x 105 x 305 mm	125 x 105 x 305 mm	250 x 125 x 325 mm
Weight	2,2 kg	2,2 kg	5 kg
Shipment includes	Mains cable, ball dispenser, dust cover,consumables for the first tests		
Optional	Thermoprinter		



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Precision in Hemostasis

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