Behnk Elektronik



# 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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