



CoaData 504

Semi-automated 1-channel coagulation analyzer for fast and accurate determination of coagulation assays. Compact in size, easy to operate, this analyzer is the ideal partner for the small laboratory, medical practices and intensive care.

The CoaData 504 uses the turbodensitometric measuring principle and combines the advantages of mechanical and optical detection methods. This standardized measurement method ensures reliable measurements even when using turbid samples and reagents.





CoaData 504

FEATURES

DETECTION PRINCIPLE

- Turbidensitometric (opto-mechanic)
- Magnetic stir bar for homogenizing the test approach and increase of sensitivity
- Large measuring range with higher accuracy and precision compared to only optical detecting principles
- Ambient light compensation
- Plasma Samples
- Micro volume: 150µl test volume

MEASURING UNIT (37,4° C CONTROLLED)

- 1 Measuring channel
- 1 Reagent position
- 4 Cuvette incubation positions

FEATURES

- Open System, free editable reagent parameter
- 15 programmable test positions
- Automated calculation of seconds, INR, %, g/l, mg/dl, Ratio
- Editable calibration-/reference curve (9 points)
- Patient-ID, numeric (manually) and alphanumeric (Barcode)
- Uni-directional HOST communication
- Multi-language user interface (DE, EN, ES, FR, PT, RU)



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ASSAYS

COAGULATION REAGENTS

- PT (Seconds, %, INR)
- aPTT (Seconds, RATIO)
- Fibrinogen according to Clauss (mg/dl, g/l)
- Thrombin Time (Seconds)
- Batroxobin Time (Seconds)

THROMBOSIS RISK REAGENTS

- Protein C (Clotting Test)
- Protein S (Clotting Test)

FACTOR DEFICIENT REAGENTS

- Extrinsic Factors II, V, VII and X (PT based)
- Intrinsic Factors VIII, IX, XI and XII (aPTT based)

TECHNICAL DATA

DIMENSIONS:

21 x 15,5 x 8 cm (LxWxH)

POWER SUPPLY:

100V-240V, 47-63Hz, 260mA

OUTPUT:

12VDC / 1.25A

WEIGHT:

0,7 kg

OPTIONS:

External thermal printing device

INTERFACES:

- ChipCARD® reading unit
- RS232 (Printer / Barcode Scanner)
- USB-Device (HOST)
- SD-Card

