



# CoaData 504

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**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

- Turbidometric (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)



## CoaData 504

### 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

