



# CoaDATA 504+

**Semi-automated 1-channel coagulation analyzer for fast and accurate determination of coagulation, chromogenic and immunturbidimetric 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+ is the consistent continuing development of the existing turbodensitometric measuring principle. This unique measuring system combines a high-resolution photometer unit with the mechanical stirring of the test batch and ensures a precise and reliable determination of results over the entire coagulation spectrum.**



**NEW**  
incl. Dual-wavelength  
technology

labitec.com



## CoaData 504+

### FEATURES

#### DETECTION PRINCIPLE

- LED Photometer (photo-mechanic)
- More insensitive to interferences from hemolysis, icteric and lipemic (HIL) samples
- Advanced coagulation diagnostics (coagulation, chromogenic and immunological methods) by selectable wavelengths (405nm & 750nm) for each measurement channel
- Magnetic stir bar for homogenizing the test approach and increase of sensitivity
- Ambient light compensation
- Large measuring range with higher accuracy and precision compared to only optical detecting principles
- Plasma Samples
- Micro volume: 150µl test volume

#### MEASURING UNIT (37,4° C CONTROLLED)

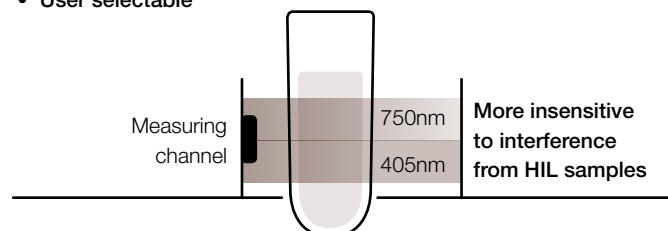
- 1 Measuring channel
- 1 Reagent position
- 4 Cuvette incubation positions

#### FEATURES

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

### Multi-wavelength analysis for your advanced coagulation diagnostics

- 405nm / 750nm wavelength
- User selectable





## 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)

#### FACTOR DEFICIENT REAGENTS

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

#### THROMBOSIS RISK REAGENTS

- Protein C (Clotting Test)
- Protein S (Clotting Test)
- Factor V Leiden
- APC-Resistance

#### CHROMOGENIC SUBSTRATES

- Protein C (Chromogenic)
- Protein S (Chromogenic)
- Anti-Thrombin III
- Plasminogen
- $\alpha$ 2-Antiplasmin

#### IMMUNTURBIDIMETRIC TESTS

- D-Dimer



## CoaData 504+

### 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

