



# CoaDATA 2004

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**Semi-automated 2-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 and mid-volume coagulation laboratory.**

**The CoaDATA 2004 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.**



Incl. Dual-wavelength technology

labitec.com



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### FEATURES

#### DETECTION PRINCIPLE

- LED Photometric (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
- 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)

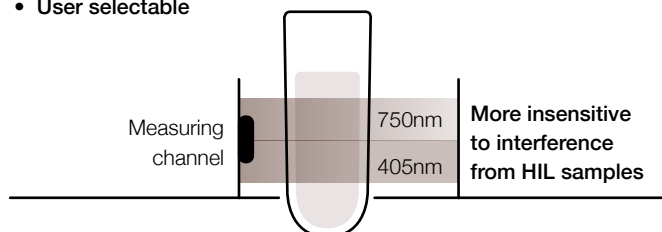
- 2 Measuring channels
- 4 Reagent positions (1x stirred)
- 18 Cuvette incubation positions

#### FEATURES

- Internal thermal printer
- 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





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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)

#### 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)
- Lupus Anticoagulant
- Factor V Leiden
- APC-Resistance

#### CHROMOGENIC SUBSTRATES

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

#### IMMUNTURBIDIMETRIC TESTS

- D-Dimer



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### TECHNICAL DATA

#### DIMENSIONS:

26 x 33 x 9 cm (LxWxH)

#### POWER SUPPLY:

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

#### OUTPUT:

24VDC / 3.75A

#### WEIGHT:

3.9 kg

#### OPTIONS:

External thermal printing device

#### INTERFACES:

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

