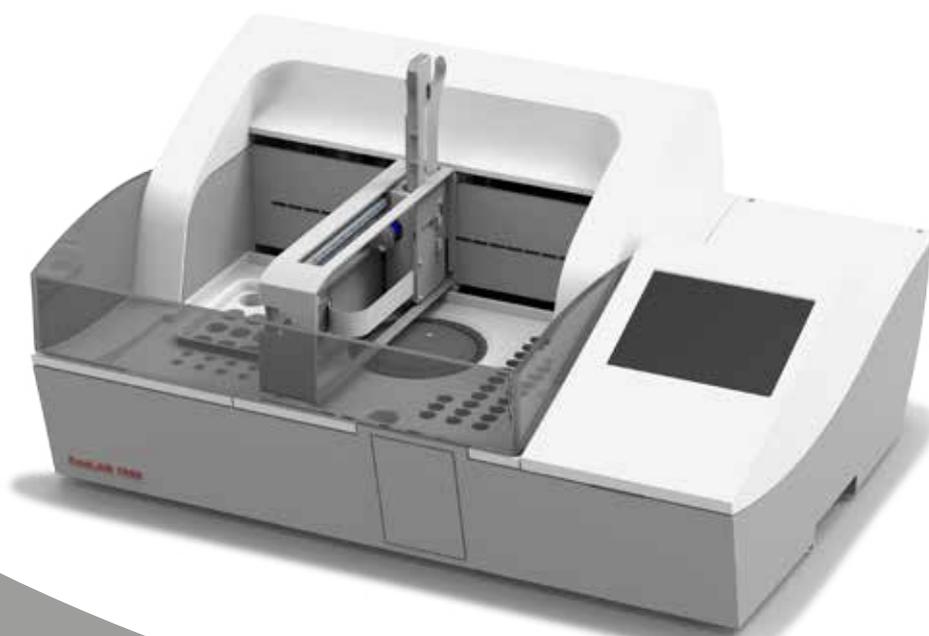




CoaLAB 1000

The CoaLAB 1000 is a compact fully automated clotting, chromogenic and immunturbidimetric coagulation analyzer. It is designed for low and medium volume laboratories or as a reliable backup system in larger labs.

The analyzer uses two high-resolution photometric measuring channels, of which each is equipped with up to three wavelengths. Thus, the analyzer ensures a precise and reliable result determination over the entire coagulation spectrum.



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CoaLAB 1000

FEATURES

DETECTION PRINCIPLE

- LED Photometer (photo-mechanic), incl. reference channels
- 405nm or 405, 570 and 750nm (depending on analyzer)
- Magnetic stir bar for homogenizing the test approach and increase of sensitivity

MEASURING UNIT | SAMPLING

- Measuring rotor (37°C controlled)
- Pipetting device (37°C controlled)
- Dilutor 2-250µl

TEST FEATURES

- 32 cuvette ring for single use
- Micro volume: 150µl test volume
- Throughput ca. 120 PT/h (depends on test approach)
- Plasma Samples

SAMPLE | REAGENTS

- 2x 11 sample positions adjustable for different primary tubes
- 15x reagent positions (3x 15ml stirred, 12x 5ml)
- 3x STAT positions
- 2x Washer/Cleaner positions

FEATURES

- Intuitive graphic user interface on color touch display
- 50 reagent and test locations individually editable
- No carry-over by use of special washing solution
- Automated MNPT calculation if Standard is lower 100%
- Automated result calculation
- Memory for up to 10.000 results and curve data (SD-Card)
- Auto repeat function
- Auto Calibration (7 points)
- Continuous loading
- Positive sample barcode scanning (option)
- QC-Program (Levy-Jennings Chart / Westgard Rules)
- Bi-directional HOST communication (option)
- Multi-language user interface (DE, EN, ES, FR, PT, RU)
- Internal Service Software



CoaLAB 1000

ASSAYS

COAGULATION REAGENTS

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

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
- PiCT (Prothrombinase induced Clotting Time)
- TDT (Thrombin Dynamik Test),
- TAFI (Thrombin Activatable Fibrinolysis Inhibitor)

CHROMOGENIC SUBSTRATES

- Protein C (Chromogenic)
- Protein S (Chromogenic)
- Anti-Thrombin III
- Plasminogen
- α 2-Antiplasmin

IMMUNTURBIDIMETRIC TESTS

- D-Dimer
- C-Reactive Protein



CoaLAB 1000

TECHNICAL DATA

DIMENSIONS:

78 x 60 x 50 cm (LxWxH)

POWER SUPPLY:

100V-240V, 50-60Hz

WEIGHT:

32 kg



OPTIONS:

External thermal printing device

INTERFACES:

- ChipCARD® reading unit
- 2x RS232 (Barcode Scanner)
- 2x USB-Device (Printer)
- SD-Card
- LAN (HOST)



CoaLAB 1000 (cover)

ALSO AVAILABLE WITH COVER.

Features and technical data are equal to CoaLAB 1000

DIMENSIONS:

78 x 60 x 50 cm (LxWxH)

WEIGHT:

35 kg



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