

Technical Specification CoaLAB 1000 (Special)

Measuring Principle

- ◆ Photometric, 2-channel LED photometer (405/570/740nm) with 2 reference channels

Measuring Unit

- ◆ Controlled at 37°C +/- 0.4°C
- ◆ 2x measuring channels and reference channels

Test Volume

- ◆ 32 cuvette ring rotor for single use
- ◆ Total min. required 150µl max. 300µl

Sample/Reagent Platform

- ◆ 2x11 sample positions
- ◆ 15 reagent positions (3x15ml, 12x5ml), 2 stirred
- ◆ 3 STAT positions
- ◆ 1 wash station

Sampling

- ◆ Capacitive pipetting device, moves in 3 directions
- ◆ Pipettor heated at 37°C
- ◆ Dilutor, 2-250µl (precise in 1µl steps)

Display

- ◆ Touch sensitive color display
- ◆ On-board graphic user software

Interfaces

- ◆ 2x RS232C, 2x USB, LAN & ChipCARD™ reader

External Connections

- ◆ External printer via USB interface (option)
- ◆ External Barcode Scanner via RS232C (option)



Dimensions/Weight

- ◆ 78.0 x 58.2 x 49.8cm, ca. 25kg
- ◆ 30.7 x 22.9 x 19.6in., ca. 55.1lb

Assays

- ◆ Coagulation
 - PT, APTT, Fibrinogen, PT/FIB, Thrombin Time, Batroxobin Time, Protein C&S, Ecarin Test
 - Single Factors (II-XIII), APC-R Factor V Leiden
 - PICT (Prothrombinase Induced Clotting Test)
- ◆ Latex Assays
 - D-Dimer, CRP (C-Reactive Protein)
- ◆ Chromogenic Assays
 - AT II
 - TDT (Thrombin Dynamics Test)
 - TAFI (Thrombin Activatable Fibrinolysis Inhibitor)



Distributor :

PT SETIA ANUGRAH MEDIKA
The Source Of Diagnostic Products

Mitra Bunter Boulevard Blok B No. 28 JI. Yos Sudarso Kav. 99 Jakarta 14250
Telp. (021) 83393821, 83364710, Fax. (021) 83364710
Email: setiamedika@qastris.net.id



CoaLAB 1000

... a concept that satisfies
your future requirements ...

TDT
TAFI
AT III

PICT
Protein C&S
Factor V Leiden



PT
APTT
deriv. FIB
TT

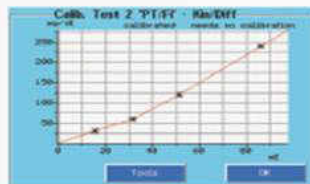
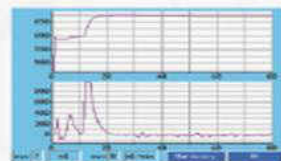
D-Dimer
CRP

The CoaLAB 1000 system concepts

The CoaLAB 1000 represents a new era of fully automated benchtop analysers for all sized laboratories. The stand-alone modular concept guarantees continuous compliance to a changing laboratory environment at any time.

Basic System-Highlights

- ◆ Graphic color display of reaction curves, real-time recording
- ◆ 50 reagents and test locations individually editable
- ◆ Up to 100 results and curve data can be stored in a ring memory or alternatively on a USB-Stick
- ◆ 4 different intensive wash cycles (2 washer usable)
- ◆ Calibration/reference curves editable up to 7 mess. points
- ◆ 2 calibration curves can be assigned to each test
- ◆ Automated result calculation
- ◆ Software/parameter updates via USB-Stick
- ◆ Multilingual user software



User friendly

- ◆ Small foot-print w/o peripheral equipment
- ◆ New designed intuitive graphic user interface
- ◆ Touchscreen navigation (multi-color display)

Reliable

- ◆ High sensitive LED photometer (2 or 3 wavelength selectable)
- ◆ Linearity up to 30D
- ◆ Free selectable evaluation methods (fixed absorbance, kinetic, difference, mE/a, max. OD)
- ◆ STAT program

Economical

- ◆ Open system
- ◆ Single-use cuvette ring (32 cuvettes each)
- ◆ Micro volume (150µl - 300µl)
- ◆ Removable reagent tray suitable for various reagent vial sizes (for storage in cooler)
- ◆ Different primary and secondary sample vials placeable

Enlarge your CoaLAB 1000 ...



Select out of a variation of beneficial soft- and hardware options and features. Upgrade your analyser at the time of your convenience or select the favorite model at once.

Software add-on's

- ◆ Auto repeat function
- ◆ Automated calibration
- ◆ Bi-Directional HOST communication
- ◆ QC program
- ◆ External database & viewer PC-Software



Hardware add-on's

- ◆ Reagent cooling on-board
- ◆ Removable sample racks (2x11 sample positions + 3x STAT)
- ◆ Higher throughput by adding 2 measuring channels
- ◆ Positive barcode identification incl. LIS connection
- ◆ Halogen lamp photometer with up to 12 wavelength

Options & Systems:

	CoaLAB 1000 Basic	CoaLAB 1000 Special	CoaLAB 1000 Clinical Chemistry
Photometer type	LED	LED	Halogen lamp
Wavelength (nanometer)	570	405 570 740	12 wavelength
Measuring channels	2	2	1
Standard Update option	+2	+2	+1
Coagulation:	PT, APTT, Fibrinogen, PT/FIB, TT, BT, Protein C&S, Ecarin Test, Factors (I-XXI), Factor V Leiden, FXCT	✓	✓
Latex Assays:	D-Dimer, C-Reactive Protein	✓	✓
Chromogenic:	AT III, TDT, TAFI	✓	✓
Clinical Chemistry:	Depending on wavelength	✓	✓
Aggregation:	ADP, v. Willebrand RCo Factor, etc.	✓	✓
Positive Barcode Identification (Samples), incl. Removable sample racks, Removable STAT rack, Internal Barcode Reader	Update option 2x11 1x3 1	Update option 2x11 1x3 1	✓
Reagent Cooling Block (< 15°C)	Update option	Update option	✓
Bi-Directional HOST communication	Update option	Update option	Update option
Software Upgrades: Auto repeat function, Automated calibration, QC Program	Update option	Update option	✓