



DIALAB

>>> **COAGULATION ANALYSER**
CoaLyser

NEW

Fully automated coagulation
analyser for clotting and latex
assays



www.dialab.at

Specifications

- > Throughput: approx. 100 PTs/hour
- > Tests: PT, APTT, Fibrinogen (Clauss and PT derived), TT, D-Dimer, Batroxobin Time, Protein C, Protein S; Ecarin Test, Single Factors (II-XII), APC-R, Factor V Leiden, PiCT (Prothrombinase Induced Clotting Test)
- > Volumes: Micromethod: e.g. PT: 50 µl sample + 100 µl Reagent
- > Measuring Principle: Photometric, 2-channel LED photometer (405 nm) with 2 reference channels
- > Measuring unit: controlled at 37.0°C +/- 0.4 °C. 2 measuring and 2 reference channels



Features

- > Micro volume (150 µl – 300 µl)
- > 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 storable in ring memory or USB-stick
- > 4 different intensive wash cycles
- > Calibration/reference curves editable up to 7 measuring points
- > 2 calibration curves can be assigned to each test
- > STAT -program
- > Automated result calculation
- > Software/parameter updates via USB-Stick
- > Multilanguage user software
- > Unidirectional LIS connection
- > Interfaces: 2 x RS232C, 2 x USB, LAN & ChipCARD™reader

Optional

- > Printer: Optional, external via USB
- > Barcode scanner: via RS232 interface

Sample and Reagent Platform

- > 2 x 11 sample positions, 15 reagent positions (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)
- > Reagent tray: removable for storage in the cooler, suitable for various reagent vial sizes
- > Cuvettes: Single-use cuvette ring (32 cuvettes each)

Display

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

Dimensions / Weight

78.0 x 58.2 x 49.8 cm; approx. 25 kg