

The new Dimension for the Laboratory



Coagulation Analyzer

- Small laboratories
- Doctors office
- Intensive care



made
in
Germany

Coatron® M1

REF: 80 800 00

- 1 channel fully optical measurement
- with sunlight reduction
- Clotting, chromogenic or immun-turbidimetric assays
- Quantitative D-Dimer
- Micro volumes (total 75 µL)
- Small dimension and weight
- Easy operation
- Highly reliable & long-living
- Autosense optics to eliminate interferences like Bilirubin, Hemoglobin, sunlight
- Approved clotting algorithm with biphasic waveform analysis
- Automatic start at reagent addition
- 3 point calibration curve for each test
- 1 Stop-watch function onboard
- Double determination
- Optional external thermal printer
- Linking to Laboratory Information Systems such as TECO TECAM



Available Tests

| | |
|------|---|
| PT | Prothrombin Time |
| APTT | Activated Partial Thromboplastin Time |
| TT | Thrombin Time |
| FIB | Fibrinogen |
| FAC | Factor |
| AT3 | chromogeniee Antithrombin |
| PC | chromogenic Protein-C |
| ECAT | Ecarin Chromogenic Assay for Thrombin |
| ECAH | Ecarin Chromogenic Assay for Hirudin |
| DD | quantitative D-Dimer (immunturbidimetric) |

Available dimensions

Seconds, INR, %, U (mg/dL or ng/mL)

Development, Manufacturing and Sales:

TECO Medical Instruments,
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Distributor:

Technical Data

- Dimensions:
LxWxH: 245x130x65mm
Weight: 0.55kg
- Power Supply (external):
Input: 100-240V~, 50/60Hz
Power: 12W
Approvals: CE, EN60950, UL
- Incubation Block:
Temperature: 37,0°C ± 0,2°C
Samples: 6 cuvettes
Reagent: 2 vial Ø11,0

Different adapters available
- Measurement:
Optic: 1 channel with AutoSense
Methods: Turbidity, Kinetic, Endpoint
Algorithm: based on optical density
Processing: 14Bit ADC + Digital Filter
Autosense: LED intensity controlling
Starting: manual or optical
- Performance:
Precision: CV < 5%
Throughput: PT ~25/h
APTT ~10/h
FIB ~17/h

Optional Accessory

- Printer:
Interface: serial, RS232
Type: external thermal printer

TECAM SMART for MS Windows XP,Vista (Laboratory Information System)

A perfect and user friendly tool to combine laboratory data management, quality control and research purpose in one.

- Intuitive handling
One click principle for data collection, filtering, reporting or QC
- Interface
Serial RS232 to analyzer. The results will be transferred including the optical reaction curve
- Database
Manage over 1Mio results and patient information in one database
- Stored Information
Date, Patient (Id, name, sex, birth), Test, Lot, Results, Flags, Error, System, Range, Comment and Reaction curve
- Complete Traceability by one click
Review for Date, PID, Test, QC by one click
- Statistical analyse for QC or patients
Westgard Multirules Analysis
Levey Jenning diagram
- Flexible Multifilter
Combine every data field. Predefined timefilters (eg. today, last 30 days, morning, afternoon etc.)
- Reporting
make reports by one click. Use multifilter or presets to generate specific reports (eg. show results of specific patient of all PT within the last 30 days)
- Research
Export data, grids, charts, curves to PDF, XLS, TXT or HTML file
- Security
Secured access to critical menus
- Online update
- Mult-Lingual

Standard package

1 Pc **Coatron M1**
25 Pcs Single cuvette
2 Pcs Reagent adaptors
1 Pc Warranty card

1 Pc Power Supply
5 Pcs Reagent tubes Ø11
1 Pc Operation Manual