

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