

THE NEW DIMENSION FOR THE LABORATORY



Coagulation Analyzer

one channel, quarter volume

COATRON M1

Cat.No. 80 800 00

Reduced reagent and sample volume for less cost per test

Coatron M1

This new manual Coagulation analyzer measure the most important clotting based Coagulation tests with a quarter of the regulary volumes.

Example:

PT: 25µl sample + 50 µl reagent

The **Coatron M1** directly convert the measured result from seconds

- to INR and/or % for PT
- to "U" mg/dl for Fibrinogen
- to % for Factors.

The testspecific parameters are stored "on-board".

The **Coatron M1** fits perfect into

- **Small laboratories**
- **Doctors office**
- **Intensive care**



Coatron M1

Tests

PT	Prothrombin Time
APTT	Activated Partial Thromboplastin Time
TT	Thrombin Time
FIB	Fibrinogen
Fa-I	Factor Intrinsic
Fa-E	Factor Extrinsic

Selectable dimensions

Seconds, INR, %, U (mg/dl)

Development, Manufacturing and Sales:

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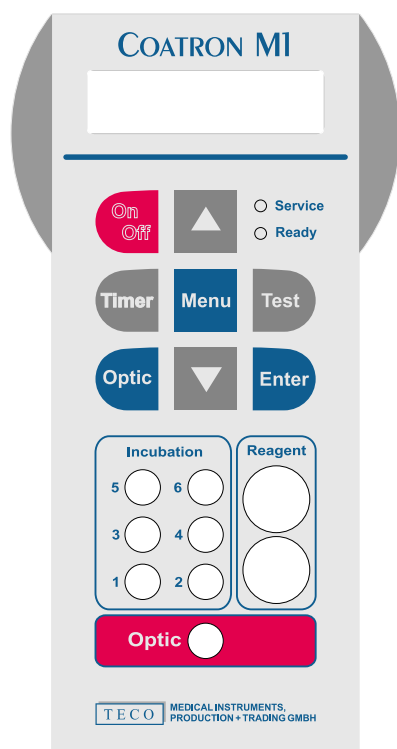
Distribution through:

Technical Description

The **Coatron M1** is a new Coagulation instrument with one optic channel and a LC-Display. The tests can be selected after switch on. The dialog language is user friendly and available in English. Other languages on enquiry.

The start of the measurement will be manually triggered by pressing the "Optic" key during addition of the reagent.

An external serial thermal printer can be connected at any time on the prepared RS232 interface.



Coatron M1 keyboard

Technical Data

Dimensions:

LxBxH: 245 x 130 x 60 mm

Weight:

0,51 kg (w/o Power supply)

Ambient temperature:

from 18°C to 23°C

Device

SMD Board
Microcontroller
16-bit Analog-Digital Converter
128 Kbyte

Power Supply M1

Input voltage: 90–264 Vac
Input frequency: 50 Hz
Voltage output: 12 Vdc
Current output (max): 1,0A
TÜV-GS, CE, CSA, UL etc.

Optic block

1 Optic channel

Keyboard

Foil keyboard, 3x3 matrix
with Test-/Functions keys

Display

2 lines x 16 Characters
Liquid Crystal Display

Incubation block

1 measure position
6 incubation positions
2 reagent positions
Temperature: 37,0°C ± 0,2°C

Thermal Printer: (optional)

external, serial printer with
Print-out of the results in all
selected dimensions

Standard package

1 Pc	Coatron M1
1 Pc	Power Supply
25 Pcs	Single cuvette
5 Pcs	Reagent tubes
2 Pcs	Reagent adaptors
1 Pc	Operation Manual
1 Pc	Warranty card

Consumables and Accessory

20 000 02	Single cuvette
20 021 01	Reagent adaptor Ø11
20 025 00	Pipette 10-100µL
80 531 00	Reagent tubes Ø11
80 535 00	Thermal printer
80 920 07	Pipette tips
80 920 12	Thermal paper
80 920 14	Printer cable

Reagents

- **TEClot PT**
- **TEClot APTT**
- **TEClot TT**
- **TEClot FIB**

Calibrator

- **TECal Normal**
- **TECal Abnormal**

Controls

- **TEControl N**
- **TEControl Ab 1**
- **TEControl Ab 2**

Other

- Deficient plasma
- Fib / Factor buffer