

# TECO



## COATRON® A6

FULLY AUTOMATED 6-CHANNEL HEMOSTASIS ANALYSER FOR ROUTINE COAGULATION TESTS (CLOTTING, CHROMOGENIC AND IMMUNTURBIDIMETRIC), QUARTER VOLUME.

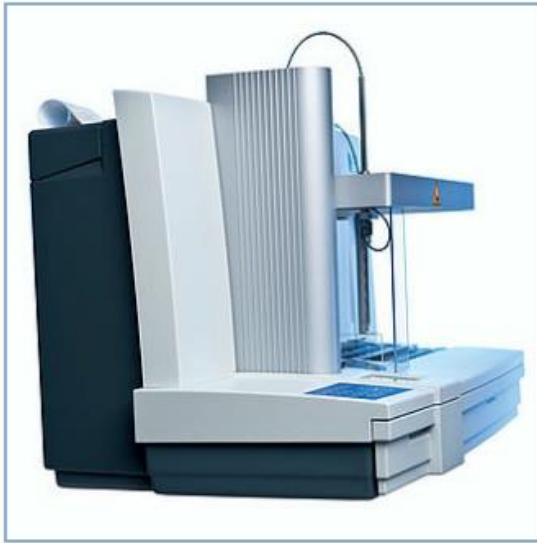
## Coatron A6

Innovation in Coagulation

### Special features of the Coatron A6:

- **MEASUREMENT**
  - Clotting, chromogenic, immunological
  - Quarter test volume (75µL)
  - high speed testing
  - Biphasic waveform analysis
  - Profile testing in batch or random access
  - Single or double determination
  - Automatic reflex testing

- **SAMPLE**
  - 3 x 15 primary tubes
  - Positive sample identification (ID and rack position ) with barcode
  - Cap Piercing for BD Vacutainer® or Sarstedt Monovette®.
  - Micro tubes like Eppendorf® 2mL for pediatric samples
  - Emergency STAT position
  - Sample continuous loading in random access mode
  
- **SYSTEM**
  - 6 optic channels at 405nm with auto light sensing and extraneous light elimination to reduce interferences such like bilirubin or sunlight.
  - High-precision XYZ pipetting system with liquid level sensor
  - Long living and flexible Cap Piercing needle
  - Integrated laser barcode reader for samples and reagent
  - Bi-directional Interface for PC-Link to LIS.
  - Optional trolley to enlarge the waste management
  - Integrated graphical thermal printer
  - 34 heated and cooled positions for reagents, controls, buffers
  - Integrated drawers for consumables
  - System configuration as “OPEN” or “CLOSED”
  
- **QUALITY CONTROL**
  - Onboard positions for up to 4 control plasma.
  - Auto QC flagging for erroneous results
  - One click report with Levey-Jennings graph and Westgard analysis
  - LOT. number ( control + reagent) specific QC analysis is possible
  
- **SOFTWARE**
  - An intuitive TECO familiar graphical user interface.
  - Multi language dialogue (English, German, Spanish, Italian a.o.)
  - Free programmable test protocols to change or adapt new tests
  - Calculation of activity %, INR, Ratio, g/L, mg/dL and more.
  - Calibration curve can be identified with up to 6 points per test.
  - Simple firmware update
  
- **SPECIAL FUNCTIONS**
  - Automatic plasma dilutions up to 1:100
  - Automatic test calibration routines
  - Automatic test skip, if reagent run out.
  - Full database for patient history.
  - Patient monitoring for long time periods
  - Reaction curve monitoring
  
- **ECONOMIC**
  - Quarter test volume to 75% cost savings.
  - Reagent dead volume is below 200 µL
  - Very economic consumption of rinse and cleaning solution.
  - All critical system parameters are monitored and make the Instrument nearly free of service.



- **INSTRUMENT DETAILS**

<b>Coatron A6</b>	<b>Fully automated Hemostasis Analyzer</b>
<b>General</b>	
Dimensions	85 x 60 x 70 cm
Weight	40 kg
Power values	90-240 Vac / 50-60 Hz
Ambient conditions	18°C – 30°C 20% - 80% r.H. no direct sunlight
<b>Test</b>	
Global	PTm, aPTT, Thrombintime, Fibrinogen (Clauss & PT derived), Heparin
Factors	Factor II, V, VII, VIII, IX, X, XI, XII
Thrombophilia	LA Screen (DRVVT), LA Confirm (DRVVT), Activated Protein C resistance, Antithrombin, D-Dimer In preparation: PEGX chrom for DXaI, ECAH chrom for DTI, THRO (Thrombin generation)
Calculated units	Activity %, Ratio, Polish ratio, INR (ISI system or INR calibration curve), g/L, mg/dL, ng/L, ng/mL, µg/L, IU/mL