Technical Data

- Dimensions:
  - LxWxH: 230x200x110mm
  - Weight: 1,40kg

- Power Supply (external):
  - Input: 100-240V~, 47-63Hz
  - Power: 42W
  - Approvals: CE, EN60601-1, UL

- Incubation Block:
  - Temperature: 37,0°C ± 0,2°C
  - Samples: 12 cuvettes
  - Reagent: 1 vial Ø30,0mm, stirred
    - 1 vial Ø22,5mm
    - 1 vial Ø16mm

  - Different adapters available

- Measurement:
  - Optic: 2 channel with AutoSense
  - Methods: Turbidity, Kinetic, Endpoint
  - Algorithm: based on optical density
  - Processing: 18Bit ADC + Digital Filter
  - Autosense: LED intensity controlling
  - Starting: manual, optical, autopipette

- Performance:
  - Precision: CV < 5%
  - Throughput: PT ~70/h
    - APTT ~30/h
    - FIB ~50/h

Optional Accessory

- Autopipette:
  - Volume: 4-stage 25/50/100/200µL
  - Test-Start: electronical

- Barcode Scanner:
  - Interface: serial, RS232
  - Type: CCD Handheld
  - Power: powered over RS232

- 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

- Multi-Lingual

Standard package

1 Pc	**Coatron M2**		1 Pc	Power Supply
1 Pc	Mains cable		25 Pcs	Double cuvettes
5 Pcs	Reagent container		1 Pc	Magnetic stirrer
1 Pc	Reagent adaptor		1 Pc	Printer cable
1 Pc	Pipette fastener		1 Pc	Dust cover
1 Pc	Operation Manual		1 Pc	Warranty card
1 Pc	Installation report		1 Pc	Service report