

# The new Dimension in Coagulation

Coagulation analyzer for plasma & whole blood



- Small laboratories
- Doctors office



made  
in  
Germany

**Dimex® Jr**

REF: 80 620 00

- 1 channel fully optical measurement
- PT Owren analysis from just 15µL whole blood
- D-Dimer result within 100s
- Small dimension and weight
- Easy operation
- Highly reliable & long-living
- Autosense optics to eliminate interferences like Bilirubin, Hemoglobin
- Approved clotting based on optical density
- Optic self test control
- Automatic start at reagent addition
- 2 point calibration curve for each test
- Stop-watch function onboard
- Double determination
- Optional external thermal printer
- Linking to Laboratory Information Systems such as TECO TECAM



#### Available Tests

PT-B Prothrombin Time from whole blood  
DD quantitative D-Dimer from plasma

#### Optional Tests

PT Prothrombin Time  
APTT Activated Partial Thromboplastin Time  
TT Thrombin Time

#### Selectable dimensions

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

Development, Manufacturing and Sales:

**TECO Medical Instruments,**  
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Distributor:

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## Technical Data

- Dimensions:
  - LxWxH: 245x130x65mm
  - Weight: 0.55kg
- Power Supply ( external):
  - Input: 100-240V~, 50/60Hz
  - Output: 12Vdc, 1,25A max.
  - Approvals: CE, UL
- Incubation Block:
  - Temperature: 37,0°C ± 0,2°C
  - Samples: 6 cuvettes
  - Reagent: 2 vial Ø11,0mm
- Optic Block:
  - One channel: ~ 660nm
- Measurement:
  - Optic: optical, with Auto-Sense
  - Methods: Turbidity, Kinetic, Endpoint
  - Algorithm: based on optical density
  - Processing: 14Bit ADC + Digital Filter
  - Autosense: LED intensity controlling
  - Starting: manual or optical
- Performance:
  - Precision:

PT-B	CV: < 10%
DD	CV: < 12%
  - Throughput:

PT-B	~25/h
DD	~25/h

## Standard package

- |        |                     |
|--------|---------------------|
| 1 Pc   | Dimex Jr            |
| 1 Pc   | Power Supply        |
| 25 Pcs | Single cuvette      |
| 5 Pcs  | Reagent tubes Ø11mm |
| 2 Pcs  | Reagent adaptors    |
| 1 Pc   | Operation Manual    |
| 1 Pc   | Warranty card       |

## Optional Accessory

- Printer:
  - Interface: serial, RS232
  - Type: external thermal printer
- Micropipette: 15µl, 25µL, 50µl or 150µl
- TECAM SMART software

## Recommended Reagents

- PT-B
  - TEClot PT-B
  - TECal N (Calibrator)
  - TEControl N (Control)
- DD
  - Dimex D-Dimer Kit
  - TECal DD (Calibrator)
  - TEControl DD low (Control low)
  - TEControl DD high (Control high)

## 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 1 Million 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 etc.
- 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