

# D.C. Analyzer

## Technical Specification



### Throughput

- ❖ Up to 120 tests per hour

### Measuring Principle

- ❖ Photometric, 2-channel LED photometer (405/570/740nm) with 2 reference channels

### Measuring Unit

- ❖ Controlled at 37°C +/- 0.4°C
- ❖ 2x measuring channels and reference channels

### Test Volume

- ❖ 32 cuvette ring rotor for single use
- ❖ Total min. required 150µl max. 300µl



### Sample/Reagent Platform

- ❖ 2x11 sample positions
- ❖ 15 reagent positions (3x15ml, 12x5ml), 2 stirred
- ❖ 3 STAT positions
- ❖ 1 wash station

### Sampling

- ❖ Capacitive pipetting device, moves in 3 directions
- ❖ Pipettor heated at 37°C
- ❖ Dilutor, 2-250µl (precise in 1µl steps)

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### Display

- ❖ Touch sensitive color display
- ❖ On-board graphic user software

### Interfaces

- ❖ 2x RS232C, 2x USB, LAN & ChipCARD™ reader

### External Connections

- ❖ External printer via USB interface (option)

### Dimensions/Weight

- ❖ 78.0 x 58.2 x 49.8cm, ca. 25kg  
30.7 x 22.9 x 19.6in., ca. 55.1lb

### Assays

- ❖ Coagulation
  - PT, APTT, Fibrinogen, PT/FIB, Thrombin Time, Batroxobin Time, Protein C&S, Ecarin Test
  - Single Factors (II-XIII), APC-R Factor V Leiden
  - PiCT (Prothrombinase induced Clotting Test)
- ❖ Latex Assays
  - D-Dimer, CRP (C-Reactive Protein)
- ❖ Chromogenic Assays
  - AT III,
  - TDT (Thrombin Dynamics Test),

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with Cover