

**new**

## Coagulation

The new family of Coagulyzer instruments provides flexible solutions for your hemostasis laboratory. The line offers a 1-, 2- and 4-channel analyzer as well as a fully automated system, covering the low to mid volume laboratories. The four analyzers combine the advantages of mechanical and photo-optical clot detection in the turbodensitometric measuring principle. All instruments are compact stand-alone systems, which have been designed with a clear focus on being user friendly, reliable and cost effective.

For the routine assays PT, APTT and Fibrinogen Analyticon offers a complete system with reagents, controls and calibrators. The calibration data for those tests is provided on a chipcard and can be easily uploaded onto the Coagulyzer 1, 2, 4 and 100. Further tests can easily be adapted to the coagulation analyzers.

### Measuring Principle

- Turbidensitometric with automated start function
- Opto-mechanical principle with automatic zero adjustment and magnetic stir bar that homogenizes the test suspension and increases the sensitivity

### Tests

- PT, APTT, Fibrinogen (others on request)



## Coagulyzer 1



### Measuring Unit

- 1-measuring channel
- Controlled at  $37.4^{\circ}\text{C} \pm 0.4^{\circ}\text{C}$
- 1 reagent position
- 4 cuvette positions

### Test Volume

- Micro Cuvette for single use
- Min. 150  $\mu\text{l}$  - max. 300  $\mu\text{l}$

### Features

- Editable reagent parameters
- 7 pre-programmed test positions
- Automated calculation of seconds, INR, %, g/l, mg/dl, Ratio
- Calibration curves editable up to 9 measuring points
- Automatic cuvette detection
- Reagent settings can be loaded/stored via ChipCARD<sup>®</sup>

### Interfaces

- ChipCARD<sup>®</sup> reader
- 1 x RS232C

### Technical Data

- Power supply 100 V–240 V, 47–63 Hz, 260 mA
- Output: 12 VDC  $\pm 0.8$  A
- Weight: 0.7 Kg
- Dimensions: 16.6 x 17.5 x 8 cm (WxDxH)

### Options

- Connection to an external printer, recommended (Seiko Epson DPU-414)

Exclusive distributor

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