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QA QUALITY
ASSURANCE

ISO 9001:2015

Coagulyzer[®] Series



Extensive Hemostasis Analysis
for All Laboratory Levels



Coagulyzer[®] 100

Measuring Principle

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

Measuring Rotor

32 cuvette rotor

Measuring Temperature

37°C +/- 0.4°C

Test Volume

150 µl (max. 300 µl)

Sample Positions

2 x 11 sample positions (primary and secondary tubes); additional 3 STAT positions

Sampling

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

Reagent Positions

15 reagent positions (3 x 15 ml, 12 x 5 ml), 2 auto-mix position; Removable reagent tray for overnight cooling; 2 positions for washer & cleaner

Display

Touch sensitive color display; On-board graphic user software

Interfaces

2 x RS232C; 2 x USB; 1 x LAN (Bi-Directional HOST interface), ChipCARD[®] reader

Special Features

15 reagent positions (3 x 15 ml, 12 x 5 ml), 2 stirred; Removable reagent tray for overnight cooling; 2 positions for washer & cleaner

External Connections

External printer via USB interface (optional); External Barcode Scanner via RS232C (optional)

Weight & Dimension

25 kg; 56.5 (W) x 64.6 (D) x 31.0 (H) cm



Coagulyzer[®] 1

Measuring Principle

Turbodensitometric with automated start function; Opto-mechanical principle with automatic zero adjustment and magnetic stir bar

Test Volume

PT, APTT, Fibrinogen (others on request)

Measuring Unit

1-measuring channel; Controlled at 37.4 °C ± 0.4 °C
1 reagent position; 4 cuvette positions

Test Volume

Micro Cuvette for single use
Min. 150 µl - max. 300 µl

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

Interfaces

1 x RS232C

Technical Data

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

Options

External printer ready, recommended (Seiko Epson DPU-414)



Coagulyzer[®] 2

Measuring Principle

Turbodensitometric with automated start function; Opto-mechanical principle with automatic zero adjustment and magnetic stir bar

Test Volume

PT, APTT, Fibrinogen (others on request)

Measuring Unit

2-measuring channels; Controlled at 37.4 °C ± 0.4 °C
4 reagent positions (1 auto-mixed); 18 cuvette positions

Test Volume

Micro cuvette for single use
Min. 150 µl – max. 300 µl

Features

15 freely editable test positions
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
Multi-language software
Reagent settings can be loaded/stored via ChipCARD[®]
Data transmission to SD-Card or external PC
Internal printer

Interfaces

ChipCARD[®] reader; SD-Card reader; 1 x RS232C; 1 x USB

Technical Data

115/230 V, 50/60 Hz switchable; Weight: 3.9 Kg
Dimensions: 35.1 x 25.9 x 7.3 cm (WxDxH)

Options

Electronic Start-Pipette; External printer connectable



Coagulyzer[®] 4

Measuring Principle

Turbodensitometric with automated start function; Opto-mechanical principle with automatic zero adjustment and magnetic stir bar

Test Volume

PT, APTT, Fibrinogen (others on request)

Measuring Unit

4-measuring channels; Controlled at 37.4 °C ± 0.4 °C
4 reagent positions (1 auto-mixed); 16 cuvette positions

Test Volume

Micro Cuvette for single use
Min. 150 µl - max. 300 µl

Features

15 freely editable test positions
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
Multi-language software
Reagent settings can be loaded/stored via ChipCARD[®]
Data transfer thru SD-Card or external PC
Internal printer

Interfaces

ChipCARD[®] reader; SD-Card reader; 1 x RS232C; 1 x USB

Technical Data

115/230 V, 50/60 Hz switchable; Weight: 3.9 Kg
Dimensions: 35.1 x 25.9 x 7.3 cm (WxDxH)

Options

Electronic Start-Pipette; External printer connectable