



MANUFACTURE STANDARD,MANUFACTURE RELIANCE

# RAC 050

*Auto Coagulation Analyzer*

NEW



## Features

- Random Access, smart and compact
- Clotting, Chromogenic, Immunologic measuring methods
- User friendly touchscreen interface, simple & easy to operate
- High throughput routine assays
- Labor saving, simple programming and real walk-away system
- Reagent open system, close system on request
- Multi-language software(optional)



# RAC 050

## Auto Coagulation Analyzer



### Technical Specifications

#### System Function

- Throughput: 60 tests/hour for PT  
40 tests/hour for PT and APTT
- Parameters: PT, APTT, TT, FIB, AT-III, PLG, D-Dimer, FDP, etc.
- Measuring methods:  
Clotting: Scattered Light Detection method  
Chromogenic: Colorimetric method, 405nm  
Immunologic: Turbidimetric method, 575nm
- Memory: 10,000 test results and 10,000 reaction curves
- Quality control: 12 QC File\*10 test items\*30 curve\*12 month
- Calibration: 6 points\*10 items
- Automatic, Random Access
- STAT sample priority
- Auto re-diluent/ re-test
- Barcode-reading support (optional)

#### Sample Tray

- Sample tray: 27 positions, user-defined STAT
- Incubation temperature:  $37 \pm 0.5$  °C

#### Reagent Tray

- Reagent tray: 23 positions
- Reagent cooling:  $\leq 16$  °C

#### Reaction Tray

- Cuvettes on board : 72
- Min reaction volume: 150ul
- Reaction temperature:  $37 \pm 0.5$  °C

#### Probe

- With probe pre-heating
- Automatic washing both inside and outside
- With collision protection, liquid level detection and inventory checking

#### Print out

- Built-in thermal printer, external printer optional

#### Measuring and Optic System

- Light: LED
- Power: AC 110/240V, 50-60±1Hz
- Temperature: 10°C-30°C, humidity≤85%
- Water consumption: 0.5L/hour
- Dimension L×W×H (mm) : 790×720×750
- Weight: 53KG



7 Detection Channels

- 5 for clotting assays
- 1 for chromogenic assays
- 1 for immunologic assays



Sample/Reagent Probe with Liquid Level Detection

#### Status Menu

