

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

# RAC 050

### Auto Coagulation Analyzer



#### **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
  - 50 tests/hour for PT and APTT
- Parameters: PT, APTT, TT, FIB, AT-Ш、PLG, D-Dimer、FDP, etc.
- Measuring methods:
  - Clotting: Scattered Light Detection method Chromogenic: Colorimetric method, 405nm Immunologic: Turbidimetric method, 575nm
- Memory: 100, 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±0.5 ℃

#### Reagent Tray

- Reagent tray: 23 positions
- Reagent cooling: ≤16°C

#### Reaction Tray

- Cuvettes on board: 72
- Min reaction volume: 150ul
- Reaction temperature: 37±0.5℃

#### 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): 660×580×510
- Weight: 53KG





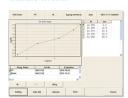


- 5 for clotting assays
- 1 for chromogenic assays
- 1 for immunologic assays



Sample/Reagent Probe with Liquid Level Detection

#### Status Menu













#### Rayto Life and Analytical Sciences Co.,Ltd.

2nd Floor, 5th Building, Software Park, NO.2, Gaoxinzhong 3rd Road, High-tech Industrial Park, Nanshan, Shenzhen 518057, P.R.China Tel:+86(755)86168996 Fax:+86(755)86168796 Email:info@rayto.com