

C3100

Auto Coagulation Analyzer

Technical Specifications

Principles

Mechanical method; Optical method (575nm)

Test items (For specific reagents)

PT, APTT, Fib, TT, Fib, TT, coagulation factors II、V、VI、VII、IX、X、XI、XII, D-dimer, FDP etc.

Throughput

Up to 200 test/h

Repeatability error

CV less than 3%

Sample position

61 positions with LED indicator

Reagent position

11 reagent position

10 with LED indicator, as well as cooling function. 2 with stirring function.

Automatic cuvette loading

1000 cuvettes auto loading

Sampling system

Separate reagent and sample probe with liquid-level detection function;
Reagent probe equipped with heating function.

Repeatability error

CV less than 3%

Operating environment

Temperature: 10°C~30°C
Relative humidity: ≤70%

Storage and transportation environment

Temperature: -20°C~55°C
Relative humidity: ≤85%

Power supply

AC 230V, 50 Hz

Calibration

Fib auto dilution, 2-6 point calibration

Dimension

LxWxH: 585mmx695mmx590mm

Weight

60kg

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C3100 Auto Coagulation Analyzer

Dual Magnetic Circuit Beads Method
— A Promise of Reliable Result

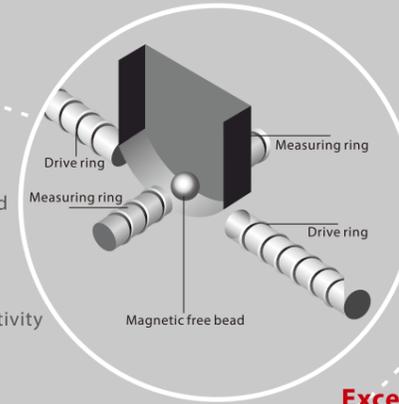
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Mechanical detection method,
insensitive to abnormal samples that are hemolysis,
lipemic, icteric etc.



Accurate Detection Method

- Dual magnetic circuit beads method
- Viscosity based detection not influenced by hemolysis, icteric, lipemic etc.
- Wide linearity range and high sensitivity



Real Automatic with Long Walkaway Time

- Roll of 1000 unitary cuvettes loading
- Maximum 60 samples loading each time



Excellent sample testing

- 200 test/h for PT items
- LED display of sample status
- Duplicate testing optional
- Multiple test item combination send with a shortcut key



Multi-functional Sampling Probes

- Separate sample and reagent probe, less carry over
- Both probe equipped with liquid level detection
- Reagent probe with heating function ensure accurate testing result



Easy Maintenance

- Stable mechanical testing channel
- Modular design, easy maintenance
- Ceramic syringe with long shelf life



Friendly Software

- Dynamic and real-time display of running status
- STAT sample random insert in any remaining sample position
- Auto rerun, auto dilutions

