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、Ⅷ、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℃~30℃
Relative humidity: ≤70%

Storage and transportation environment
Temperature: -20℃~55℃
Relative humidity: ≤85%

Power supply
AC 230V, 50 Hz

Calibration
Fib auto dilution, 2-6 point calibration

Dimension
L×W×H: 585mm×695mm×590mm
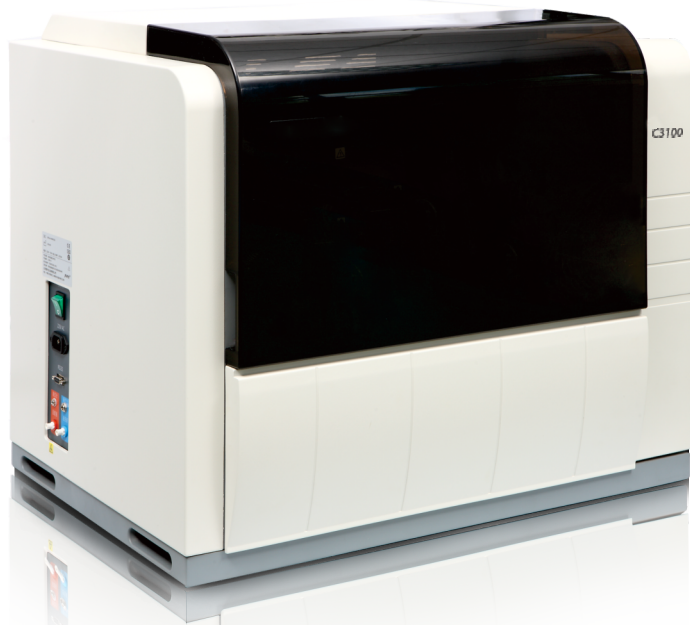
Weight
60kg

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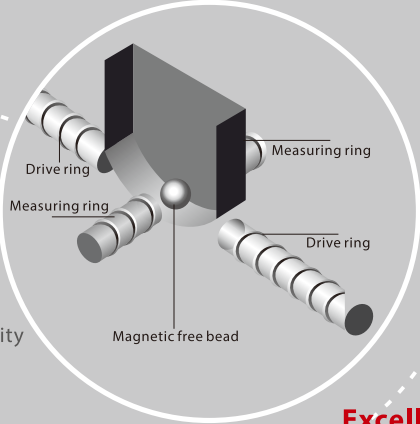## Dual Magnetic Circuit Beads Method
— A Promise of Reliable Result

C3100 Auto Coagulation Analyzer

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

Real Automatic with Long Walkaway Time
- Roll of 1000 unitary cuvettes loading
- Maximum 60 samples loading each time

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

Drive ring
Measuring ring
Measuring ring
Drive ring
Magnetic free bead

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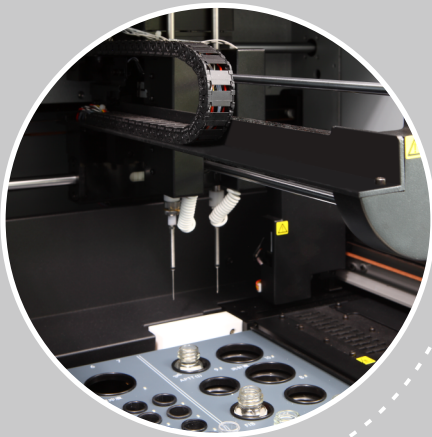- Multiple test item combination send with a shortcut key

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