

SF-8100

Fully Automated Coagulation Analyzer

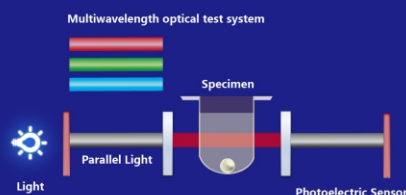
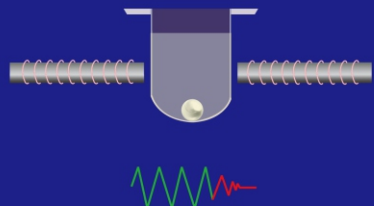


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Features

- ✦ Clotting (Mechanical viscosity based), chromogenic, turbidimetric;
- ✦ Up to 260 pt/d throughput with 1000 continuous cuvettes loading;
- ✦ Build-in barcode reader for sample, dual LIS/HIS supported;
- ✦ Original reagents, Control plasma, Calibrator plasma;
- ✦ Support PT, APTT, Fbg, TT, D-Dimer, FDP, AT-III, Lupus, Factors, Protein C/S, etc.

**Thrombosis
Hemostasis** 



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Fully Automated Coagulation Analyzer

1 Multiple Test Methods

- Clotting (Mechanical viscosity based), Chromogenic, Turbidimetric.
- No disruptions from icterus, hemolysis, chyles and turbid particles.
- Multiple wavelength compatible for various test items including D-Dimer, FDP and AT-III, Lups, Factors, Protein C.
- 4 independent test channels with random and parallel tests.

2 Operation System

- Close system; test stop when open the upper cover; temperature monitor.
- 1000 continuous cuvettes simplify operation and increase lab efficiency.
- Automatic enable and switch of reagent backup function.
- Automatic retest and re-dilute for abnormal sample.
- Alarm for insufficient consumables overflow.

3 Reagents and Consumables Management

- Extensible reagent positions, available for various reagent vials.
- Inclined reagent positions reduce dead volume.
- Reagent position with room temperature, cooling and stir function.

4 Intelligent Sample Management

- Drawer-type designed sample rack; support original tube test.
- Position detection, auto lock, and indicator light of sample rack.
- Emergency position; support priority of emergency.
- Dual way LIS/HIS supported; automatic sample information read.

Specification

Testing Method	Clotting, Immune turbidimetric and Chromogenic substrate methods
Testing Items	PT, APTT, FIB, TT, HEP, LMWH, PC, PS and various types of factors, D-Dimer, FDP, AT-III.
Throughput	PT: 260 t/d
CV	<3%
Pre-heating Positions	16
Reagent Positions	36
Sample Positions	60 positions, drawer-type design sample rack, compatible any tube.
Cuvettes	1000 continuous cuvettes loading
Port	USB and Rs232
Data Transmission	Dual way, HIS/LIS supported

ISO

ISO13485:2003



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