



CONCENTRATION SERVICE



SF-9200 Fully Automated Coagulation Analyzer



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Thrombosis
Hemostasis +

ISO
ISO13485:2016

CE
No. Q50761480008 Rev.03

SF-9200

Fully Automated Coagulation Analyzer

Viscosity-Based (Mechanical) Detection System

"Gold Standard" of coagulation test, insensitive from HIL (haemolysis, icteric and lipemic) samples.

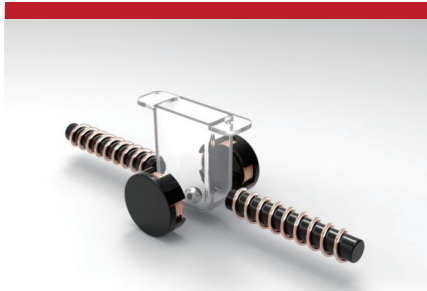


Intelligent Sample Management

- Auto sample loading.
- Sample volume monitoring.
- Auto retest and re-dilute for abnormal sample.
- Auto internal barcode reading.
- Cap-piercing optional.

Intelligent Reagent Management

- Auto reagent mixing.
- Auto reagent barcode reading, auto calibration.
- 60 tilted reagent positions with separate cooling function.
- Auto reagent dissolution inside analyzer.
- Reagent volume monitoring.



Complete Assays

- Viscosity-Based Clotting Assay.
- Chromogenic and Immunoassays.
- Viscosity-based clotting insensitive from HIL samples.



Intelligent and Efficient Enhance User Experience

- PT $\geq$ 415 Test / Hour
- D-Dimer $\geq$ 205 Test / Hour



Complete Tests for Laboratory Need

PT, APTT, FIB, TT, D-Dimer, FDP, AT-III, LA, Anti-Xa, dTT, Factors, Protein C, Protein S, vWF, APTT mixing test, and others.

Specification

Assay: Viscosity-based (mechanical) clotting, Chromogenic and Immunoassays.

Structure: 4 probes on separate arms, cap-piercing optional.

Test Channel: 20

Incubation Channel: 30

Reagent Position: 60 rotating and tilt positions, internal barcode reading and auto loading, reagent volume monitoring, multi-vials auto switching, cooling function, non-contact reagent mixing.

Sample Position: 190 and extensible, auto loading, sample volume monitoring, tube auto rotation and barcode reading, 8 separate STAT position, cap-piercing optional, LAS support.

Data Storage: Result auto storage, control data, calibration data and their graphs.

Intelligent Monitoring: On probe anti-collision, cuvette catch, liquid pressure, probe blocking and operation.
Result can be searched by date, sample ID or other conditions, and can be cancelled, approved, uploaded, exported, printed, and can be counted by test quantity.

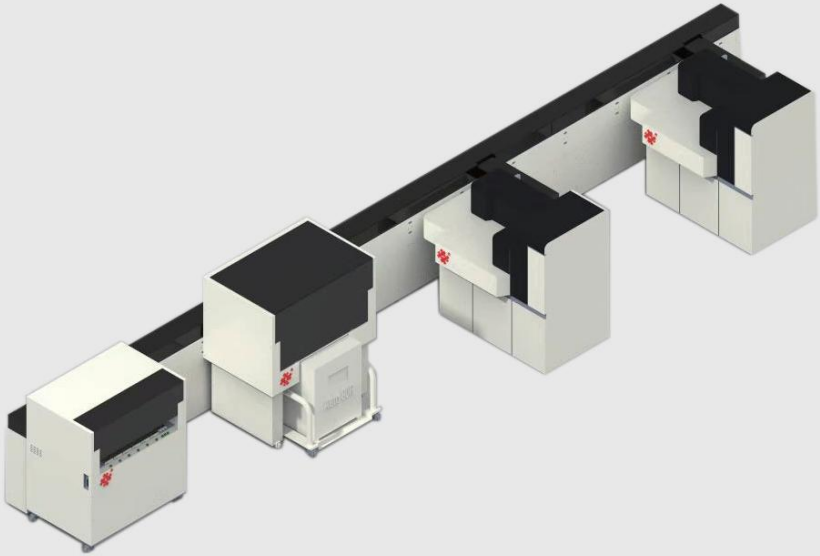
Parameter Set: Test process definable, test parameters and result-unit settable, test parameters include analysis, result, re-dilution, and retest parameters.

Throughput: PT $\geq$ 415 T / H, D-Dimer $\geq$ 205 T / H.

Instrument Dimension: 1500*835*1400 (L*W*H, mm)

Instrument Weight: 220 kg

Extendible Laboratory Automation Systems (LAS)



Please refer to the instructions for contraindications or precautions

SF-8300

Fully Automated Coagulation Analyzer

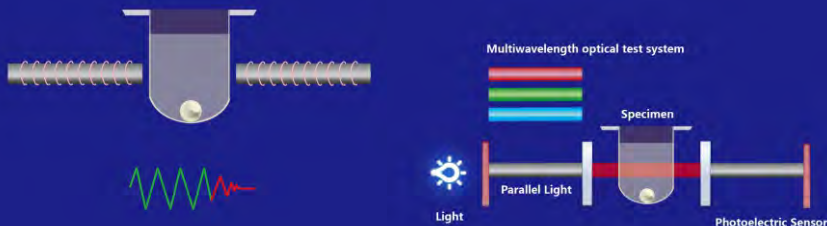


ISO

ISO13485:2016



No.Q5 076148 0008 Rev.03



SF-8300

Fully Automated Coagulation Analyzer

1 Three Assays, Excellent Anti-interference Performance

- Viscosity-based (mechanical) detection principle, insensitive from HIL (haemolysis, icteric and lipemic) samples.
- LED on chromogenic and immunoassays, eliminate the interference of stray light to ensure accuracy.
- 700nm immunoassay, avoid interference from absorption peak.
- Multi-wavelength detection and unique filtering technology ensure measurement on different channels, different methods at the same time.
- 8 test channels, chromogenic and immunoassays can be switched automatically.

2 Easy Operation

- Sample probes and reagent probe move independently, with anti-collision function, and ensure higher throughput, Cap-piercing optional.
- 1000 cuvettes loading and can realize non-stop replacement.
- Auto backup-vial switching for both reagent and cleaning liquid.
- Auto re-dilute and retest for abnormal sample.
- Cuvette hook and sampling system work in parallel for fast operation.
- Modular liquid system to make maintenance easier.
- Reagent and consumables residual monitoring and early warning.

3 Complete Management of Reagents and Consumables

- Auto internal barcode reading to identify reagent type and position.
- Tilt reagent position to avoid from reagent waste.
- Reagent position with cooling and stir function.
- Auto input of reagent lot, expire date, calibration data and else by RFID card.
- Automatic multi-point calibration.

4 Intelligent Sample Management

- Sample racks with position detection, auto lock, and indicator light.
- Any sample position supports emergency STAT sample as priority.
- Internal sample barcode reading supports bidirectional LIS.

5 Testing Item

- PT, APTT, TT, APC-R, FIB, PC, PS, PLG, PAL, D-Dimer, FDP, FM, vWF, TAFI, Free-Ps AP, HNF/UHF, LMWH, AT-III
- Extrinsic coagulation factors: II, V, VII, X
- Intrinsic coagulation factors: VIII, IX, XI, XII

Specification

Assay	Viscosity-based (mechanical) clotting assay, Chromogenic assay, Immunoassay.
Structure:	3 probes on two separate arms, cap-piercing optional.
Test Channel	8
Incubation Channel	20
Reagent Position	42, with 16 °C cooling, tilt and stir function.
Sample Position	6*10 position, drawer-type design, expandable.
Cuvette	1000 cuvettes loading continuously.
Interface	RJ45, USB.
Transmission	HIS / LIS supported.
Computer	Windows operating system, support external printer.
Data Output	Test status, and real-time display, query, and printing of results.
Instrument Dimension	890*630*750 (L*W* H, mm).
Instrument Weight	110 kg



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SF-8200

Fully Automated Coagulation Analyzer



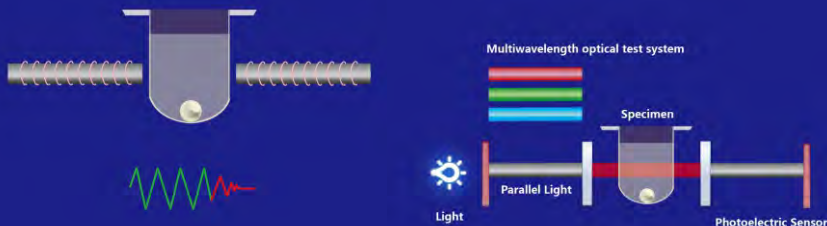
ISO

ISO13485:2016



CE

No. Q5 076148 0008 Rev.03



SF-8200

Fully Automated Coagulation Analyzer

1 Three Assays, Excellent Anti-interference Performance

- Viscosity-based (mechanical) detection principle, insensitive from HIL (haemolysis, icteric and lipemic) samples.
- LED on chromogenic and immunoassays, eliminate the interference of stray light to ensure accuracy.
- 700nm immunoassay, avoid interference from absorption peak.
- Multi-wavelength detection and unique filtering technology ensure measurement on different channels, different methods at the same time.
- 8 test channels, chromogenic and immunoassays can be switched automatically.

2 Easy Operation

- Sample probe and reagent probe move independently, with anti-collision function, ensure higher throughput.
- 1000 cuvettes loading and can realize non-stop replacement.
- Auto backup-vial switching for both reagent and cleaning liquid.
- Auto re-dilute and retest for abnormal sample.
- Cuvette hook and sampling system work in parallel for fast operation.
- Modular liquid system to make maintenance easier.
- Reagent and consumables residual monitoring and early warning.

3 Complete Management of Reagents and Consumables

- Auto internal barcode reading to identify reagent type and position.
- Tilt reagent position to avoid from reagent waste.
- Reagent position with cooling and stir function.
- Auto input of reagent lot, expire date, calibration data and else by RFID card.
- Automatic multi-point calibration.

4 Intelligent Sample Management

- Sample racks with position detection, auto lock, and indicator light.
- Any sample position supports emergency STAT sample as priority.
- Internal sample barcode reading supports bidirectional LIS.

5 Testing Item

- PT, APTT, TT, APC-R, FIB, PC, PS, PLG, PAL, D-Dimer, FDP, FM, vWF, TAFI, Free-Ps AP, HNF/UFH, LMWH, AT-III
- Extrinsic coagulation factors: II, V, VII, X
- Intrinsic coagulation factors: VIII, IX, XI, XII

Specification

Assay	Viscosity-based (mechanical) clotting assay, Chromogenic assay, Immunoassay.
Structure:	2 probes on two separate arms.
Test Channel	8
Incubation Channel	20
Reagent Position	42, with 16 °C cooling, tilt and stir function.
Sample Position	6*10 position, drawer-type design, expandable.
Cuvette	1000 cuvettes loading continuously.
Interface	RJ45, USB.
Transmission	HIS / LIS supported.
Computer	Windows operating system, support external printer.
Data Output	Test status, and real-time display, query, and printing of results.
Instrument Dimension	890*630*750 (L*W* H, mm).
Instrument Weight	110 kg



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SF-8100

Fully Automated Coagulation Analyzer



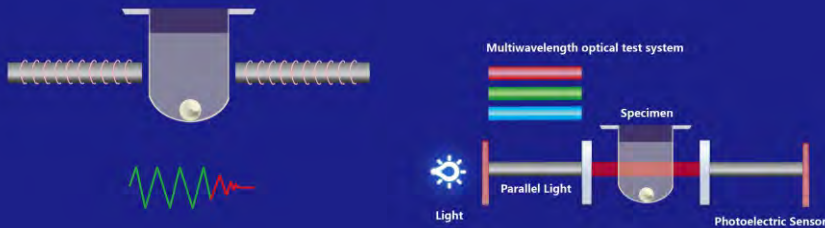
ISO

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SF-8100

Fully Automated Coagulation Analyzer

1 Three Assays, Excellent Anti-interference Performance

- Viscosity-based (mechanical) detection principle, insensitive from HIL (haemolysis, icteric and lipemic) samples.
- LED on chromogenic and immunoassays, eliminate the interference of stray light to ensure accuracy.
- 700nm immunoassay, avoid interference from absorption peak.
- Multi-wavelength detection and unique filtering technology ensure measurement on different channels, different methods at the same time.
- 8 test channels, chromogenic and immunoassays can be switched automatically.

2 Easy Operation

- Cover-close operation; stop when cover open for protection.
- 1000 cuvettes loading and can realize non-stop replacement.
- Auto backup-vial switching for both reagent and cleaning liquid.
- Auto re-dilute and retest for abnormal sample.
- Cuvette hook and sampling system work in parallel for fast operation.
- Modular liquid system to make maintenance easier.

3 Complete Management of Reagents and Consumables

- Reagent positions suitable for various vials of various tests.
- Tilt reagent position to avoid from reagent waste.
- Reagent position with room temperature, cooling, and stir function.

4 Intelligent Sample Management

- Sample rack with drawer-type design, and expandable.
- Sample rack with position detection, auto lock, and indicator light.
- Each position support STAT with priority.

5 Testing Item

- PT, APTT, TT, APC-R, FIB, PC, PS, PLG, PAL, D-Dimer, FDP, FM, vWF, TAFI, Free-Ps AP, HNF/UFH, LMWH, AT-III
- Extrinsic coagulation factors: II, V, VII, X
- Intrinsic coagulation factors: VIII, IX, XI, XII

Specification

Assay	Viscosity-based (mechanical) clotting assay, Chromogenic and Immunoassays.
Test Channel:	8
Incubation Channel	16
Reagent Position	36, with cooling, tilt and stir function.
Sample Position	6*10 position, drawer-type design, expandable.
Cuvette	1000 cuvettes loading continuously.
Interface	USB, RJ45.
Barcode	External sample barcode reader.
Transmission	HIS / LIS supported.
Computer	Windows operating system required, external printer.
Data Output	Test status, and real-time display, query, result print.
Analyzer Dimension	1000 * 700 * 700 (L*W* H, mm)
Analyzer Weight	100 kg



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SUCCEEDER®

SF-8050

Fully Automated Coagulation Analyzer



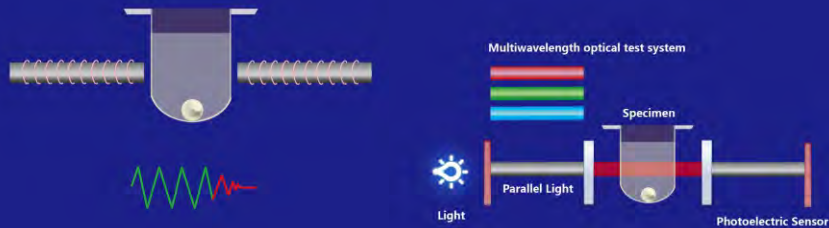
ISO

ISO13485:2016



CE

No.Q5 076148 0008 Rev.03



SF-8050

Fully Automated Coagulation Analyzer

1 Multiple Assays

- Viscosity-based (mechanical) detection principle, insensitive from HIL (haemolysis, icteric and lipemic) samples.
- LED on chromogenic and immunoassays, eliminate the interference of stray light to ensure accuracy.
- 700nm immunoassay, avoid interference from absorption peak.
- Multi-wavelength detection and unique filtering technology ensure measurement on different channels, different methods at the same time.
- 6 test channels, chromogenic and immunoassays can be switched

2 Easy Operation

- 30 replaceable sample rack with original tube, STAT supported.
- Auto backup-vial switching for both reagent and cleaning liquid.
- 1000 cuvettes loading and can realize non-stop replacement.
- Auto retest function available;
- Pre-calibration reduce the cost of calibrator plasma and reagents;
- Auto re-dilute and retest for abnormal sample.

3 Reliable Whole Solution

- Effective combination of Engineering and Clinic, meet requirement of laboratories.
- D-Dimer, FDP and other special item, for different laboratories.
- Professional service, training, academic communication, and experience share, for better user experience.

4 Testing Item

- PT, APTT, FIB, TT
D-Dimer, FDP, AT, Protein C, Protein S
Extrinsic coagulation factors: II, V, VII, X
Intrinsic coagulation factors: VIII, IX, XI, XII

Specification

Assay	Viscosity-based (mechanical) clotting assay, Chromogenic and Immunoassays.
Repeatability	CV <3%
Port	RJ45, USB, RS232
Test Channel	6
Incubation Channel	10
Reagent Position	16
Sample Position	30 positions onsite, replaceable design
Cuvette	1000 continuous cuvettes loading
Transmission	Dual way HIS/LIS supported
Storage	Unlimited, real-time display, query, print
Barcode	External barcode for sample
Analyzer Dimension	760*560*540 (L*W* H, mm)
Analyzer Weight	45 kg



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Coagulation Reagents



ISO

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Coagulation Reagents

1 Good Linearity And Sensitivity

- Good sensitivity of PT for factor deficiency, liver diseases and anticoagulation therapy monitoring.
- APTT reagent (lyophilized) main component is silica, with good linearity and high sensitivity.
- Wide detection linearity of FIB up to 0.8 – 8 g/L.

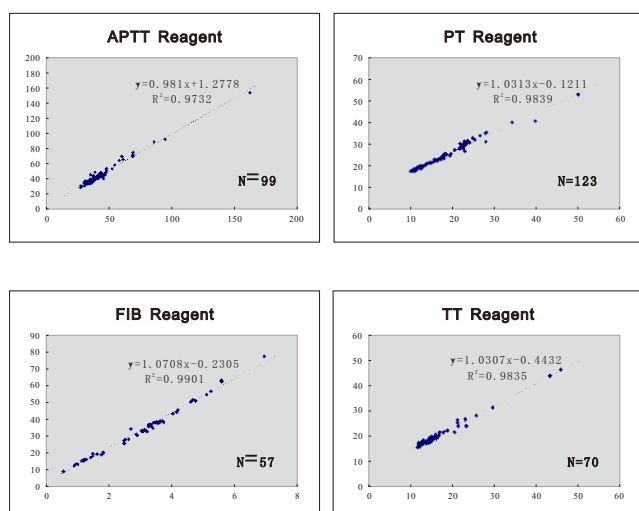
2 Good Stability After Reconstituted

- 2 – 8°C, stable for 10 days after reconstituted.

3 Reliable Quality

- GMP Factory with 100.000 class.
- ISO 13485 certificate.

4 Correlation



5 Specification

Product	Packing (per unit)	Unit
Prothrombin Time Kit (PT)-Liquid	12x2 ml/vial	Kit
Prothrombin Time Kit (PT)-Lyophilized	6x2 ml/vial	Kit
Prothrombin Time Kit (PT)-Liquid	12x4 ml/vial	Kit
Prothrombin Time Kit (PT)-Lyophilized	6x4 ml/vial	Kit
Activated Partial Thromboplastin Time Kit (APTT)-Liquid	6x2 ml/vial	Kit
Activated Partial Thromboplastin Time Kit (APTT)-Lyophilized	6x2 ml/vial	Kit
Activated Partial Thromboplastin Time Kit (APTT)-Liquid	6x4 ml/vial	Kit
Activated Partial Thromboplastin Time Kit (APTT)-Lyophilized	6x4 ml/vial	Kit
Fibrinogen Reagent Kit (FIB)-Liquid	6x2 ml/vial	Kit
Fibrinogen Reagent Kit (FIB)-Lyophilized	6x2 ml/vial	Kit
Fibrinogen Reagent Kit (FIB)-Liquid	6x4 ml/vial	Kit
Fibrinogen Reagent Kit (FIB)-Lyophilized	6x4 ml/vial	Kit
Thrombin Time Kit (TT)-Liquid	12x2 ml/vial	Kit
Thrombin Time Kit (TT)-Lyophilized	12x2 ml/vial	Kit
Thrombin Time Kit (TT)-Liquid	12x4 ml/vial	Kit
Thrombin Time Kit (TT)-Lyophilized	12x4 ml/vial	Kit
Coagulation Control Level I Kit	12x1ml/vial	Kit
Coagulation Control Level II Kit	12x1ml/vial	Kit
D-Dimer Kit (DD)-Liquid	R1:4x5.5 ml/vial R2:4x2 ml/vial	Kit
D-Dimer Kit (DD)-Liquid	R1:6x11 ml/vial R2:6x4 ml/vial	Kit
Fibrinogen Degradation Product Kit (FDP) -Liquid	R1:4x6 ml/vial R2:4x2 ml/vial	Kit
D-Dimer Control Level I Kit	6x0.5 ml/vial	Kit
D-Dimer Control Level II Kit	6x0.5 ml/vial	Kit

Thrombosis + Hemostasis



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