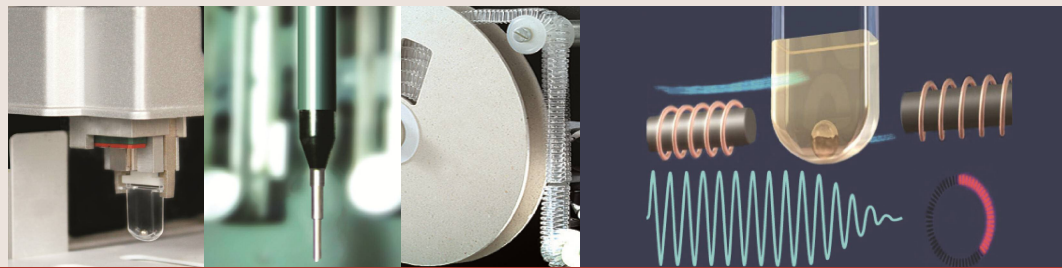**SUCCEEDER**

SF-8000

Full Automated Coagulation Analyzer

200T/h

Features

- ❖ Inductive dual magnetic circuit method.
- ❖ Independent sample and reagent probes.
- ❖ 1000 continuous cuvettes give no test suspending for cuvettes feeding.
- ❖ Original reagents lead to correlative and traceable result.

Thrombosis⁺ Hemostasis

1 Advanced Testing Method

- Inductive dual magnetic circuit method makes use of electro-magnetic fields. No affection of magnetic field attenuation.
- No disruptions from icterus, hemolysis, chyles and turbid particles.
- Test result by sensing relative motion of magnetic beads. No affection of the plasma viscosity.
- Intelligent switching between normal and weak vibration. More accurate result of low fiber sample.

2 Unique Design of Dual Probes

- Independent sample and reagent probes.
- Liquid surface induction inside probes.
- Instantly heating to 37℃ with precise control inside sample probe.

3 High-speed Motion Mechanism

- 1000 continuous cuvettes give no test suspending for cuvettes feeding.
- Synchronic motion mechanical manipulators on X, Y, and Z orientations.
- High-speed cuvettes feeding and random assortment of testing channels. No waiting period for pre-heating.

4 Accurate Temperature Control System

- 16℃ temperature control ability of reagent positions.
- 37℃ thermostatic control of testing and pre-heating positions.
- Inner heating ability of the probe keeps constant temperature of reagent.

5 Easy Operation Process

- Compatible to any tube.
- Random assortment of testing items on all channels.
- Emergency testing on any position.
- Abnormal results prompting and automatic re-test.
- Error prompting and insufficiency alarm for reagent and cleaning fluid.
- Testing report in various formats.

6 Excellent Testing Performance

- Up to 200 tests per hour of single item.
- 30 samples per hour of mixed tests of four routine items.
- High linearity with correlation coefficient ≧0.980.
- Wide FIB testing range of 0.3-12g/L.

7 Wonderful System Solution

- Full automated analyzer.
- Original reagents for all items.
- Application services on instrument, reagent and control.
- High correlation and traceability of testing result.

Specification

Testing Method	Inductive dual magnetic circuit method. Signal from eddy current sensor.
Testing Items	PT, APTT, FIB, TT, AT-Ⅲ, HEP, LMWH, PC, PS and all types of endogenous and exogenous factors.
Throughput	200 Ts/h.
CV	＜3%.
Testing Positions	4.
Pre-heating Positions	10.
Reagent Positions	6, with cooling and stirring ability.
Sample Positions	30, interchangeable and extensible sample rack compatible to any tube.
Cuvettes	1000 units/ load.
Port	USB and RS232.
Data Transmission	Dual way, HIS/LIS supported.

ISO

ISO9001:2000+ISO13485:2003

TÜV SÜD **CE**

No.Q1N 11 02 76148 001