



FAC-200 -Fully Automated

| Coagulation Analyzer

Details Info

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.

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 Designs of Dual Probes

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

3 High-speed Motion Mechanisms

- * 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 Systems

* 16°C temperature control ability of reagent positions.

* 37°C 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 Performances

* 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 Solutions

* 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