



FAC-260-Fully Automated

| Coagulation Analyzer

Details Info

Features:

1. Clotting, immune turbidimetric and chromogenic substrate methods. Inductive dual magnetic circuit method of clotting.
2. High-speed and accurate testing abilities.
3. 1000 continuous cuvettes loading.
4. Drawer-type and inclined reagent positions.
5. Walk away operation, IC card reader for reagent and consumable control.

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 °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 System

- * 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
Throughput	200 Ts/h.
Testing Positions	4
CV	<3 %
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