

Technical Parameter

Instrument Model: UP 1500
Measurement Principle: Optical Method
Test Methods: Coagulation, Immunoturbidimetry , Chromogenic substrate
Test Items: PT, APTT, TT, FIB, Coagulation Factors(V/VII/VIII/IX···) APCR, LA1, LA2, PS;
D-Dimer, FDP, vWF; AT-III, PC, HEP, PLG, Anti-Xa
Test throughput: 280 Ts/ H (PT)
Data Storage: 100,000 Reaction Curves Storage
Operation Language: Chinese/English
Report Forms: Supporting multiple forms of the report output
Barcode Function: Reagent, sample barcode reading
Working Environment: 10°C–30°C, relative humidity ≤80%
Storage Environment: -20°C–55°C, relative humidity ≤85%
Power Requirements: 100~240V, 50~60Hz
Weight: 253kg
Dimensions: 110cm*73cm*120cm



UP 1500 Automated Coagulation Analyzer

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Rational Management System

- Reagent Management System:
22 reagent positions with refrigeration function, 5 diluent positions, 2 rinse stations;
- Sample Management System:
48 sample positions, any sample position can be set as a STAT position;
- Sample Adding Management System:
Three-dimensional movement of probes, with liquid level detection, high accuracy of sample adding volume, error $\leq 5\%$;
- Cleaning Management System:
Automatically cleaning and anti-collision protection;
- Constant Temperature Management System:
Reagent plate with refrigerator $\leq 16^{\circ}\text{C}$, preheating probes at 37°C within 5 seconds, maintain the temperature of 19 test channels at 37°C ;
- Measurement Management System:
Optical principle with coagulation method, immunoturbidimetric assay, chromogenic substrate assay, LED light source prolongs service life.
- Automatic Cuvette Selection and Transmission System:
More than 500 cuvettes capacity with continuous loading; Cuvette selection mechanism automatically selects cuvettes and transmits them to the test channel; Missing cuvette alarm function;

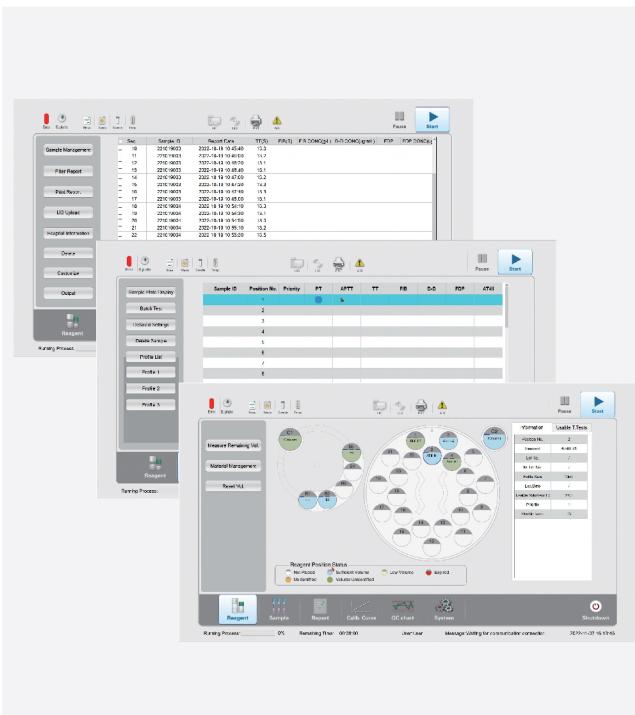
- Barcode Management System:
Automatically sample barcode reading;
Automatically reagent barcode reading;
Managing reagent and material reasonably;

Diverse Test Principles

- Coagulation Method:
PT · APTT · TT · FIB · Coagulation Factors.....
APCR · LA1 · LA2 · PS
- Immunoturbidimetric Assay:
D-Dimer · FDP · VWF
- Chromogenic Substrate Assay:
AT-III · PC · HEP · PLG · Anti-Xa

More Efficient and Stable Performance

- Varieties of standard curve plotting;
- PT throughput 280 Ts/H;
- Multi-rule control management function;
- Excellent repeatable, accurate and linear test result;
- Reliable auto-retest function:
Automatically retest abnormal results in order to guarantee repeatability and reliability of test results.



Humanized Operation System

- Secure and stable Windows OS, with Chinese/English language interface;
- Equipped with PC;
- Super data storage capacity;
- Real-time test status and results displayed, printed and queried;
- Automatic dilution, calibration and screening analysis;
- Alarm function with real-time reflecting malfunction;
- Ensure accurate drive control with imported precision components;
- Support Chinese/English report output and link external printer;
- Meet emergency and outpatient service requirements by STAT function.



Original Reagent Kits · Consumables

- Reagents: With more than 20 years of experience in coagulation reagents, SUNBIO owns a full range of products in the field of thrombosis and hemostasis;
- Consumables: with feature of higher cost performance in precision, price and match of mold manufacture;
- Providing a full set of SOP documents and assisting users to pass certification of 15189;
- Protecting the common interests of users, agents and manufacturers by providing measures of barcode management.

