

## Technical Parameter

Instrument Model: UP 1500

Measurement Principle: Optical Method

Test Methods: Coagulation, immunoturbidimetry , chromogenic substrate

Test Items: PT, APTT, TT, FIB, II , V , VII, VIII, IX, X , XI, XII, APCR, LA1, LA2;

AT-III, PC, PS, HEP, PLG,  $\alpha$ 2-AP, t-PA, PAI, TM; D-Dimer,FDP, SFMC, VWF

Test Speed: 280 Ts/ H (PT)

Data Storage: 100,000 Reaction Curves Storage

Operation Language: Chinese

Display Type: Computer Display Operation

Report Forms: Supporting multiple forms of the report output

Barcode Function: Reagent, specimen barcode scanning identification

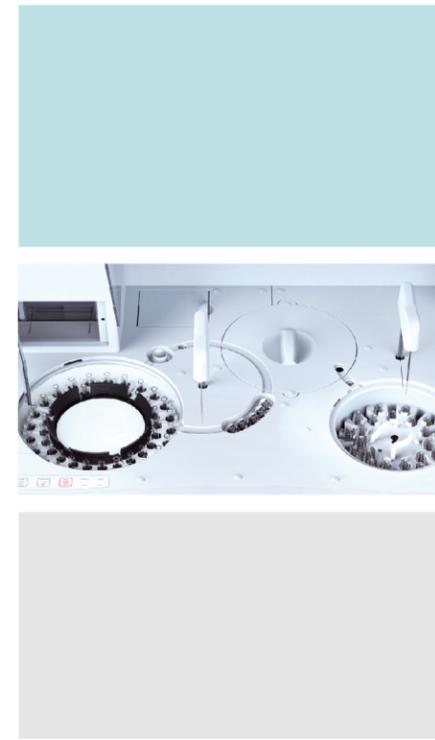
Working Environment: 10°C–30°C, relative humidity  $\leq$  80%

Storage Environment: -20°C–55°C, relative humidity  $\leq$  85%

Power Requirements: 220V  $\pm$  22V AC, 50Hz  $\pm$  1Hz

Weight: 253kg

Dimensions: 110cm\*73cm\*120cm



# UP 1500

## Fully Automated Coagulation Analyzer

### SHANGHAI SUN BIOTECH CO.,LTD

Add: 3419 Jin Du Road,Shanghai,China 201108

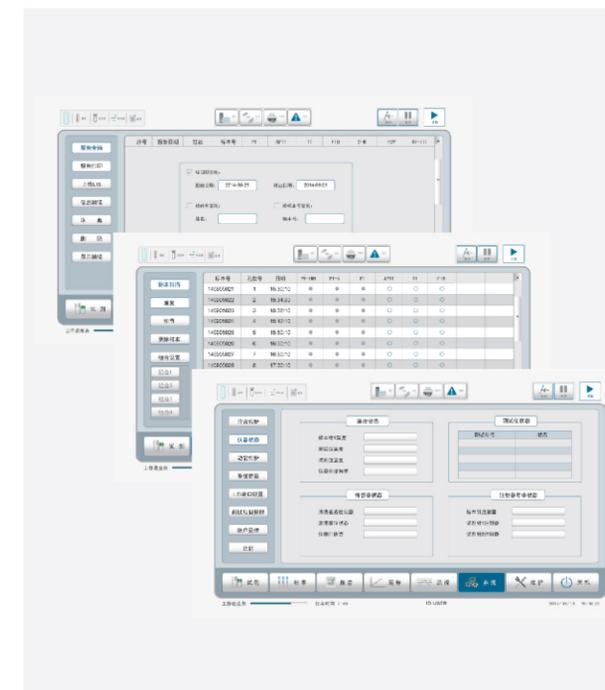
Tel: +86-21-54425188 Service Hotline: 8008206582

Fax: +86-21-54256603 Http://www.sunbiote.com



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## Humanized Operating System

- Secure and stable Windows OS, whole Chinese 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 report output and link external printer;
- Meet the analyze requirements of emergency and outpatient service by emergency priority.

## Rational Management System

- Reagent Management System:  
22 reagent sites with refrigeration function, 5 diluent sites, 2 special cleaning solution sites;
- Sample Management System:  
48 sample sites, any sample site can be set as an emergency site;
- Sample Adding Management System:  
Three-dimensional movement of sample adding 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 cabinet with refrigerator  $\leq 16^{\circ}\text{C}$ , constant preheating of sampling adding probes at  $37^{\circ}\text{C}$  within 5 seconds, maintain the temperature of 19 test sites at  $37^{\circ}\text{C}$ ;
- Measurement Management System:  
Optical principle with coagulation method, immunoturbidimetric assay, chromogenic substrate assay, LED light source prolongs service life.
- Automatic Cup Selection and Delivery System:  
Capacity supply more than 500 reaction cuvettes with continuous loading;  
Cup selection mechanism automatically selects cups

and delivers them to the reagent position;

Alarm function without reaction cuvettes;

- Barcode Management System:  
Automatically specimen barcode scanning;  
Automatically reagent barcode scanning;  
Managing reagent and consumable reasonably;

## Diverse Test Principles

- Coagulation Test Method:  
PT · APTT · TT · FIB · Coagulation Factors · APCR · LA1 · LA2
- Immunoturbidimetric Assay:  
D-Dimer · FDP · SFMC · VWF
- Chromogenic Substrate Assay:  
AT-III · PC · PS · HEP · PLG ·  $\alpha 2$ -AP · t-PA · PAI · TM

## More Efficient and Stable Performance

- Varieties of Standard curve plotting;
- PT speed  $\geq 280$  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.

