



UR 6000

Automated Coagulation Analyzer

SHANGHAI SUN BIOTECH CO.,LTD 2023. 07. 21 V1

Add: No.3419 Jindu Road,Shanghai,China Tel: +86-21-54425188
Http://www.sunbiote.com E-mail: sungj@sunbiote.com
E-mail: export@sunbiote.com E-mail: export2@sunbiote.com



WeChat



E-version

UR 6000

Automated Coagulation Analyzer



450T/H constant throughput

Newly upgraded automated coagulation analyzer



UR 6000

Automated Coagulation Analyzer



»» Highly Efficient Detection

- ◆ The constant throughput for PT/APTT/FIB/TT/DD: 450T/H; Combined throughput for five test items: 90S/H.
- ◆ 20 detection channels, each channel can be used for 3 detection methods: coagulation, immunoturbidimetry, chromogenic substrate assay.
- ◆ 2000 cuvettes can be loaded simultaneously, dump style adding cuvettes without system interruption.
- ◆ 28 tilted reagent positions with automatic barcode reading to identify reagent type, specification and number of usable tests, reducing the amount of reagent empty cavities.
- ◆ Independent incubation positions for batch pre-warming.
- ◆ Designed with 100 STAT positions.

»» Three Sample Feeding Options

- ◆ Front injection (100 sample positions)
- ◆ Front injection + side injection (100 sample positions + 400 sample positions)
- ◆ Front injection + track injection



»» Intelligent Detection

- ◆ Automatic APTT mixing study.
- ◆ Identify special samples before testing, including hemolysis, icterus, and lipemia samples, four wavelengths (405nm, 570nm, 660nm, 800nm) flexible exchange to reduce interference and improve test accuracy.
- ◆ Output reaction curves automatically to guide analysis of abnormal results.
- ◆ Connect to the UL-2000LAS laboratory automation system.

»» Biosafety

- ◆ 360° rotating barcode reading and cap-piercing without manual operation to improve biosafety.
- ◆ Test sample enclosed throughout the full process to reduce aerosol contamination.
- ◆ Equipped with a complete cleaning system to reduce bio-contamination.

Thrombus and hemostasis diagnostic reagents



» TECHNICAL SPECIFICATION

Principle	Optical
Analysis Method	Coagulation method, Chromogenic substrate assay, Immunospectrophotometry
Light Source	LED cold light source, maintenance free(405nm/570nm/660nm/800nm)
Reaction Curve	Available
Data Storage	100,000 sample results and reaction curves
Precision Management	Choose L-J management or X-bar management, day-to-day difference series, day-to-day difference binary quality control chart
Cuvettes	2,000 pcs.
Barcode Reader	With build-in barcode reading system in both sample and reagent positions
STAT	Priority testing in any sample position
Micro Sampling	5μL
Quality Control	X-bar control, L-J control and multi-rule quality control
Calibration Curve	Automatic dilution setting, multi-point calibration curve, INR calibration curve, calibration curve can be automatically switched
Instrument Interface	With RS232 interface, connecting LIS/HIS
Printer	Print through external printer
Dimension	1215*835*1240mm (W×D×H)
Weight	340kg
Noise Level	< 85dB
Power Supply	Voltage: 100-240V Frequency: 50-60Hz
Operating Environment	Ambient temperature: 10-30℃ Relative humidity: ≤80% Atmospheric pressure: 70-106kPa

» TEST MENU

Menu	Test	Method
Routine Screening	PT APTT FIB TT	Coagulation Method
Fibrinolytic System Detection	D-Dimer FDP	Immunoturbidimetry
Thrombosis Detection	Antithrombin III Protein C	Chromogenic Substrate Assay
	Protein S	Coagulation Method
Anticoagulation Therapy Detection	Anti-Xa	Chromogenic Substrate Assay
Coagulation Factor Detection	Intrinsic Factors (8\9\11\12) Extrinsic Factors (2\5\7\10) Factor 13	Coagulation Method
VWD Detection	VWF	Immunoturbidimetry
APS Detection	Lupus Anticoagulant (LA) Antiphospholipid Antibody (APA)	Coagulation Method