

Technical Specification

Principle	Coagulation Method, Chromogenic Method, Immunoassay Method, Aggregometry	
Test Menu	Coagulation Method	PT、APTT、FIB、TT、Protein S、Intrinsic factors(8\9\11\12)、Extrinsic factors (2\5\7\10)、Lupus Anticoagulant (LA)、APA...
	Chromogenic Method	AT-III、Protein C、Anti-Xa、Factor 13...
	Immunoassay Method	FDP、D-Dimer、vWF...
	Aggregometry	AA、ADP、COL、EPI、RIS...
Light Source	LED cold light source, maintenance free (wavelengths: 340nm/405nm/570nm/660nm/800nm)	
Reagent Position	42 refrigerated, 5 room temperature	
Sample Position	60 sample positions	
Probe	1 reagent probe, 1 sample probe (cap piercing configurable)	
Child Mode	Support child mode, rapid and accurate analysis of micro plasma	
Management	Automatic management of dilutions, reruns, pre-calibration, etc.	
Temperature Control	Cooled reagent positions, can maintain 2-8℃ in refrigerated (shut down) mode	
Data Storage	100,000 sample results and reaction curves	
Operating System	Built-in color LCD touch screen	
Barcode Reader	With build-in barcode reading system in both sample positions and reagent positions	
STAT	Priority testing in any sample position	
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, Automatic calibration curve switching	
Instrument Interface	With RS232 interface, connecting LIS/HIS	
Printer	Print through external printer	
Dimension	790mmx798mmx721mm	
Weight	160kg	
Noise Level	< 85dBA	
Power Supply	Voltage: 100-240V Frequency: 50-60Hz	
Room Environment	Ambient temperature: 10-30℃ Relative humidity: ≤80%	



UG 2500
Automated Coagulation Analyzer

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WeChat



E-version

UG 2500



Optical-mechanical coagulation detection

- ♦ Optical and mechanical dual-method detection, auto-switch to suitable detection channels for severe haemolysis, icterus and lipemia samples.

Platelet aggregation test

- ♦ Combined primary haemostasis and secondary haemostasis detection, with the function of coagulation tests and platelet aggregation tests.

High detection efficiency

- ♦ Throughput (PT/TT): 376 Ts/H
- ♦ STAT samples can be loaded at any time and tested preferentially, saving sample waiting time
- ♦ Automated factor parallelism, APTT mixing study, customized rerun and reflex testing

Ample loading design

- ♦ 26 detection channels, including optical, mechanical, platelet and factor XIII channels
- ♦ 42 reagent positions, cooled within 2-8°C, tilted design to reduce the volume of reagent empty cavities
- ♦ 60 built-in sample positions, rack-feed style, each position can be set as a STAT position
- ♦ 1500 cuvettes can be loaded at one time, continuous dump-style cuvettes loading

Unattended continuous operation

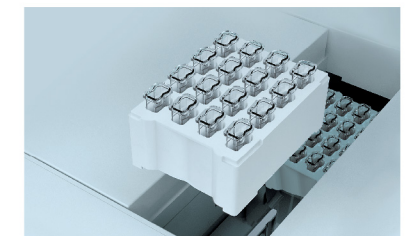
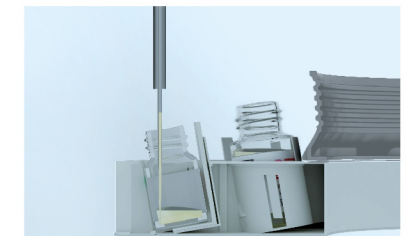
- ♦ Replacement of reagents, cuvettes and rinse solution without instrument stopped or test interrupted
- ♦ Auto-dilution of concentrated rinse solution to reduce the cost and replacement frequency
- ♦ Scheduled Power On/Off: automatic startup and self-check at the scheduled time

Sample quality control

- ♦ Sample quality inspection: HIL monitoring, volume check, clot detection
- ♦ Five wavelength design (340nm/405nm/570nm/660nm/800nm), estimate the test results of haemolysis, icterus and lipemia samples comprehensively

Operation management

- ♦ Real-time online statistics of reagent cycle dosage to predict reagent consumption
- ♦ Automatic calibration curve storage, identifying and switching based on reagent lot number
- ♦ Real-time updating operation log, with traceable operation records
- ♦ Recording the conditions of QC, calibration, maintenance, temperature, etc.
- ♦ Comprehensive QC audits, electronic audit trail report with one-click



Optical & Mechanical · Platelet Aggregation



Available for Coagulation Analyzer:
SUNBIO, SYSMEX, Werfen, STAGO, SEKISUI, BE.....