

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 cap piercing sample probe	
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°C 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 built-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°C Relative humidity: ≤80%	



UG 2510 Automated Coagulation Analyzer

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UG 2510



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



Optical & Mechanical · Platelet Aggregation

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



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