

### Technical Specification

<b>Principle</b>	Coagulation Method, Chromogenic Method, Immunoassay Method, Aggregometry	
<b>Test Menu</b>	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、PAI、 $\alpha$ 2-AP...
	Immunoassay Method	FDP、D-Dimer、VWF...
	Aggregometry	AA、ADP、COL、EPI、RIS...
<b>Light Source</b>	LED cold light source, maintenance free (Wavelengths: 340nm/405nm/570nm/660nm/800nm)	
<b>Reagent Position</b>	42 refrigerated, 5 room temperature	
<b>Sample Position</b>	60 sample positions	
<b>Probe</b>	1 reagent probe, 1 sample probe (cap piercing configurable)	
<b>Management</b>	Automatic management of dilutions, reruns, pre-calibration, etc.	
<b>Temperature Control</b>	Cooled reagent positions, can maintain 2-8°C in refrigerated (shut down) mode	
<b>Data Storage</b>	100,000 sample results and reaction curves	
<b>Operating System</b>	Built-in color LCD touch screen	
<b>Barcode Reader</b>	With build-in barcode reading system in both sample positions and reagent positions	
<b>STAT</b>	Priority testing in any sample position	
<b>Quality Control</b>	X-bar control, L-J control and multi-rule quality control	
<b>Calibration Curve</b>	Automatic dilution setting, multi-point calibration curve, INR calibration curve, calibration curve can be switched automatically	
<b>Instrument Interface</b>	With RS232 interface, connecting LIS/HIS	
<b>Printer</b>	Print through external printer	
<b>Dimension</b>	790mmx830mmx720mm	
<b>Weight</b>	160kg	
<b>Noise Level</b>	< 85dBA	
<b>Power Supply</b>	Voltage: 100-240V Frequency: 50Hz	
<b>Room Environment</b>	Ambient temperature: 10-30°C Relative humidity: $\leq$ 80% Atmospheric pressure: 70-106kPa	



# UG 2500

## Automated Coagulation Analyzer

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# 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 assay

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

## High detection efficiency

- ♦ Throughput (PT/TT): 360 T/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

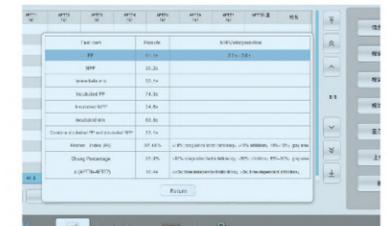
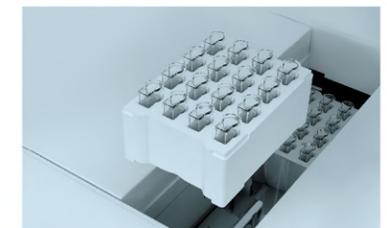
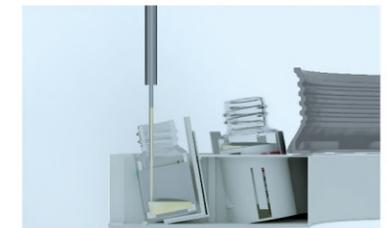
- ♦ Replacement of reagents, cuvettes and rinse solution without instrument stopped or test interrupted
- ♦ Auto-dilution of concentrated rinse solution to reduce the cost and replacement frequency
- ♦ Scheduled Power On/Off: automatic startup and self-check at the scheduled time

## Sample quality control

- ♦ Sample quality inspection: HIL monitoring, volume check, clot detection, visual inspection
- ♦ 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.....