

Technical Specifications

System Function	Category	Random access, fully automatic chemistry analyzer
	Throughput	Up to 120 tests/hour
	Methodology	End point, fixed time, kinetic
	Minimum Reaction Volume	150uL
	Water Consumption	<1.8L/hour
Sample Reagent Probe & Mixer	Principle	Colorimetry, turbidimetry
	Sample Mode	Random access, STAT sample priority
	Sample Volume	2~50uL, step by 0.1 uL
	Sample/Reagent Probe	One probe for sample and reagent with liquid level detection, vertical collision detection and reagent volume real time monitoring function
	Sample Tube	Primary tubes and sample cups
	Reagent Volume	R1:150-450 uL, R2:10-300uL, step by 1uL
	Reagent Disk	40 reagent positions, 24 hours onboard cooling
	Reagent Bottles	R1-30ml / R2-15ml
	Mixer	High polished nano material mixer
	Reaction System	Reaction Cuvettes
Optical System	Reaction Temperature	37±0.1°C
	Heater	Metal thermostat for reaction disk
	Lamp	Halogen tungsten lamp, 12V20W, water cooling system
	Filter	FMSS (Full-sealed Matrix Spectrometric System)
	Wavelength	8 wavelengths: 340,405,450,510,546,578,630,670nm
	Linearity Range	0-3.0Abs
	Accuracy	0.5A: < ± 0.02AbS, 1.0A: < ± 0.04Abs
	CV	<1.5%
Cal&QC	Detector	Photodiode detector array
	Calibration Mode	One point linear, two point linear, multi-point linear, logit-4P, logit-5P, spline, exponential, polynomial
	QC Rule	Westgard multi-rule, cumulative sum check, twin plot
Software	Operating System	Windows 7/10
	LIS Interface	Bi-directional LIS interface
	PC Interface	LAN/RJ45
Others	Dimension	720(L) x 450(D) x 550(H)
	Power Supply	AC 100-240V, 50/60Hz ± 1 Hz, 650VA
	Net Weight	50Kg

ADL/Mispa FAB120/R00-05/24. Company reserves the right to change any design and technical features of the product at any time, if needed.

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ISO 9001:2015
EN ISO 13485:2016



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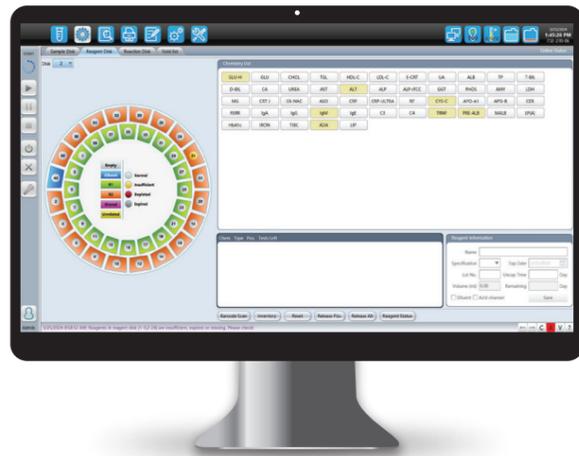
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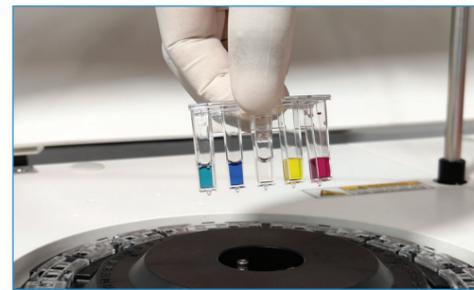
**MISPA
FAB 120**
Fully Automatic Clinical Chemistry Analyzer

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User Friendly Software

- Easy to operate with iconic interface
- Easy reagent parameter setting
- Powerful statistic system
- Easy rerun and restore test
- Auto dilution, manual dilution and post dilution



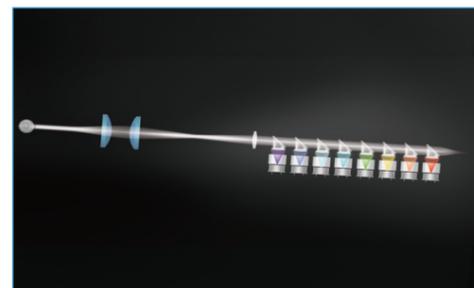
Reaction System

- 50 high transmitting disposable rigid UV (DRU) cuvettes
- Metal thermostat ensures stable temperature 37 degree celsius
- Realtime access of reaction disk status



Sample and Reagent Disk

- 40 positions for sample
- 40 positions for reagent
- Anytime anywhere STAT priority
- Sample and reagent barcode



Optical System

- Full sealed matrix spectrometric system
- Halogen tungsten lamp with long life
- Dual wavelength detection to avoid interference



Sampling System

- High polished nano material sample/reagent probe
- High accuracy ceramic syringe
- Auto depth adjustment
- Liquid level detection, vertical and horizontal collision protection



Internal PC with Touch Screen

- Real time monitoring
- Reaction cuvette, calibration tests and QC test curve
- Sample, reagent and reaction cuvette status
- Lamp intensity, water tank and waste tank status
- Reagent disk and reaction disk temperature