

Technical Specifications

System Function	
Description : Advanced semi automated clinical chemistry analyzer	
Technology and Principle : State-of-the-art Penta Lens Photometry	
Quick test menu Function : 10 Channels	
Photometric Module	
6 interference filters 340, 405, 505, 546, 578, 630 nm and 2 optional slots	
Band width ± 5nm	Measuring Module
Silicon photo diode detectors	
Photometry range from 0 to 3.5 O.D	
12V, 20W Halogen lamp	
Temperature Control: 25°C, 30°C, 37°C	
Analysis Mode	Minimum aspiration volume of 250 µL
1-point & 2-point linear and non linear	Carryover elimination facility
1-point sample blank linear and non linear	Standard and sample repeat facility
Rate linear and non linear	Calibration & Quality Control
Absorbance and delta OD limit	
Bichromatic	Up to 10 calibration points
Kinetic with calibration and factor	Up to 3 replicates per point
Calculated tests	Axis: Linear and log
Report Print Options	Westgard's algorithm
	Levey-Jennings chart
Customized print set up: (Printer 'ON' or 'OFF' mode Graph print 'ON' or 'OFF' mode Detailed print mode with lab name and doctor's name Brief print mode)	27000 control results
Memory	3 level QC per test parameter
	Result Recall
300 programmable channels	Collated report by date, Collated report by ID and test wise recall options
5000 test results	Interface
Reagent blank storage	
Physical Characteristics	LIS compatibility
Display of 7" capacitive touch screen	External keyboard connectivity
Dimensions - 450 x 350 x 385 mm (L x W x H)	Operational Environment
Weight - 9.7 kg (approx.)	
In-built high resolution 57mm graphic thermal printer	
In-built incubator with six wells	
	Universal power adaptor - 115 to 260 VAC, 47 to 63 Hz
	110V power consumption
	Storage temperature: 10°C to 50°C
	Relative humidity: 20%-80% Max (Working Environment)
	Built-in battery: 30 Minutes battery backup



EN ISO 13485:2016 CE

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ADL/BR/PLUS/R7-01/26 Company reserves the right to change any design and technical features of the product at any time, if needed.

Mispa Plus

Advanced Semi Automated Biochemistry Analyzer

YOUR BEST PARTNER IN DIAGNOSTICS

EXPERTISE THROUGH EXPERIENCE & INNOVATION

Mispa Plus is an advanced semi-auto analyzer having elegant mix of Cutting-Edge technology, Innovation and Heritage. It is equipped with state-of-the-art Penta Lens Photometry system, perfectly designed to deliver high accuracy and ease of use. Delivering quality is our priority. Mispa Plus offers best performance to laboratories looking for highest efficiency with optimal operational cost.

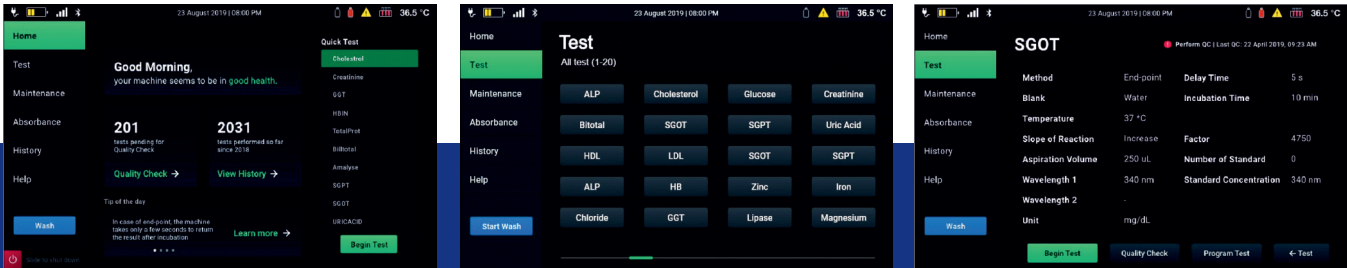
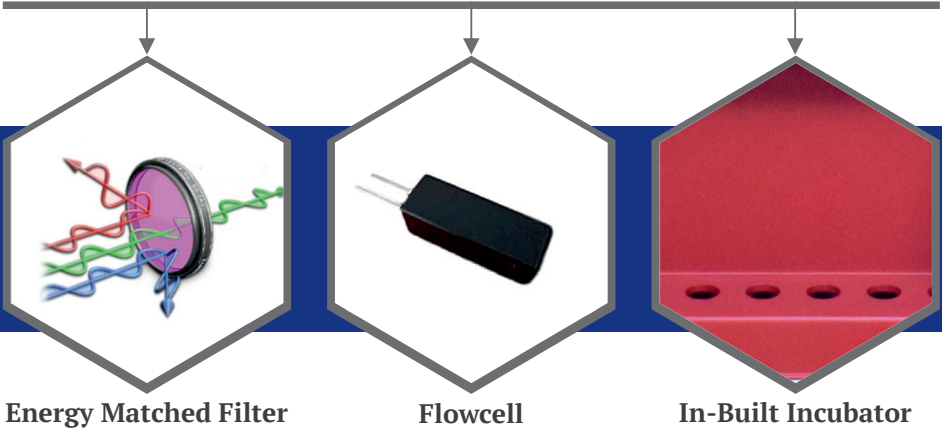
ADVANCED SEMI-AUTO



- ENHANCED RESISTIVE ALUMINIUM FLOW CELL**
 - ▶ 18µl Flow cell
 - ▶ 250µl minimum aspiration
 - ▶ Accurate results always
- PENTA LENS PHOTOMETRY SYSTEM**
 - ▶ Photometer incorporating Five Lens System
 - ▶ Focused measurement
 - ▶ Best test result repeatability
- 7" CAPACITIVE TOUCH SCREEN**
 - ▶ Advanced software
 - ▶ User friendly & Fast operations
 - ▶ Low Maintenance
- EMBEDDED SOFTWARE WITH 300 CHANNELS**

- EMF FILTER (ENERGY MATCHED FILTER)**
 - ◀ Ensure long filter life
 - ◀ Offer equal & stable intensity at all wavelengths
 - ◀ Quality Result ensured for all assays
- INBUILT INCUBATION SYSTEM**
 - ◀ Inbuilt incubator with six wells
- CALCULATED PARAMETERS**
 - ◀ Ten channels for calculated parameters
 - ◀ Convenience and Ease of use
- AIL FACILITY (ASPIRATION INDICATOR LIGHT)**
 - ◀ Right Indication at Right time
 - ◀ Live instructions on the Screen
 - ◀ Easy to work & always right

WHEN PERFORMANCE MATTERS



HOME SCREEN

TEST SELECTION

PROGRAMING