Technical Specifications

System Function	
Description : Advanced semi automated clinical chemistry analyser Technology and Principle : State-of-the-art Penta Lens Photometry	
Photometric Module	
6 interference filters 340, 405, 505, 546, 578, 630 nm and 2 optional slots	
Band width ± 5nm	
Silicon photo diode detectors	Measuring Module
Photometry range from 0 to 3.5 O.D	18 μL flow cell volume with 10mm light path
12V, 20W Halogen lamp	Flow cell mode
Temperature Control: 25°C, 30°C, 37°C	AIL Facility (Aspiration Indication Light)
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	Up to 10 calibration points
Bichromatic	Up to 3 replicates per point
Kinetic with calibration and factor	Axis: Linear and log
Calculated tests	Westgard's algorithm
Report Print Options	Levey-Jennings chart
Customized print set up: (Printer 'ON' or 'OFF' mode Graph	27000 control results
print 'ON' or 'OFF' mode Detailed print mode with lab name	3 level QC per test parameter
and doctor's name Brief print mode)	Result Recall
Memory	Collated report by date, Collated report by ID and test wise
300 programmable channels	recall options
5000 test results	Interface
Reagent blank storage	LIS compatibility
Physical Characteristics	External keyboard connectivity
Display of 7" capacitive touch screen	Operational Environment
Dimensions - 450 x 350 x 385 mm (L x W x H)	Universal power adaptor - 115 to 260 VAC, 47 to 63 Hz
Weight - 9.7 kg (approx.)	110V power consumption
In-built high resolution 57mm graphic thermal printer	Storage temperature: 10°C to 50°C
In-built incubator with six wells	Relative humidity: 20%-80% Max (Working Environment)





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YOUR BEST PARTNER IN DIAGNOSTICS



YOUR BEST PARTNER IN DIAGNOSTICS

Advanced Semi Automated Biochemistry Analyser



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

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

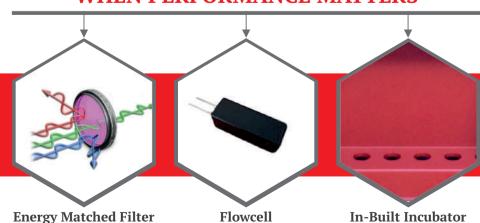
AIL FACILITY (ASPIRATION INDICATOR LIGHT)



- **←** Live instructions on the Screen
- Easy to work & always right

Right Indication at Right time

WHEN PERFORMANCE MATTERS



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



HOME SCREEN

TEST SELECTION

PROGRAMING

MISPAPUS

MISPA PLUS