

Technical Specifications

System Function

Description : Advanced semi automated clinical chemistry analyser

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

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

1-point & 2-point linear and non linear

1-point sample blank linear and non linear

Rate linear and non linear

Absorbance and delta OD limit

Bichromatic

Kinetic with calibration and factor

Calculated tests

Report Print Options

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)

Memory

300 programmable channels

5000 test results

Reagent blank storage

Physical Characteristics

Display of 7" capacitive touch screen

Dimensions - 450 x 350 x 385 mm (L x W x H)

Weight - 9.7 kg (approx.)

In-built high resolution 57mm graphic thermal printer

In-built incubator with six wells

Measuring Module

18 µL flow cell volume with 10mm light path

Flow cell mode

AIL Facility (Aspiration Indication Light)

Minimum aspiration volume of 250 µL

Carryover elimination facility

Standard and sample repeat facility

Calibration & Quality Control

Up to 10 calibration points

Up to 3 replicates per point

Axis: Linear and log

Westgard's algorithm

Levey-Jennings chart

27000 control results

3 level QC per test parameter

Result Recall

Collated report by date, Collated report by ID and test wise

recall options

Interface

LIS compatibility

External keyboard connectivity

Operational Environment

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

AGAPPE
YOUR BEST PARTNER IN DIAGNOSTICS



ISO 9001:2015
EN ISO 13485:2016



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YOUR BEST PARTNER IN DIAGNOSTICS

MISPA PLUS

Advanced Semi Automated Biochemistry Analyser

YOUR BEST PARTNER IN DIAGNOSTICS

ADL/BR/PLUS/R6-05/24 Company reserves the right to change any design and technical features of the product at any time, if needed.

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

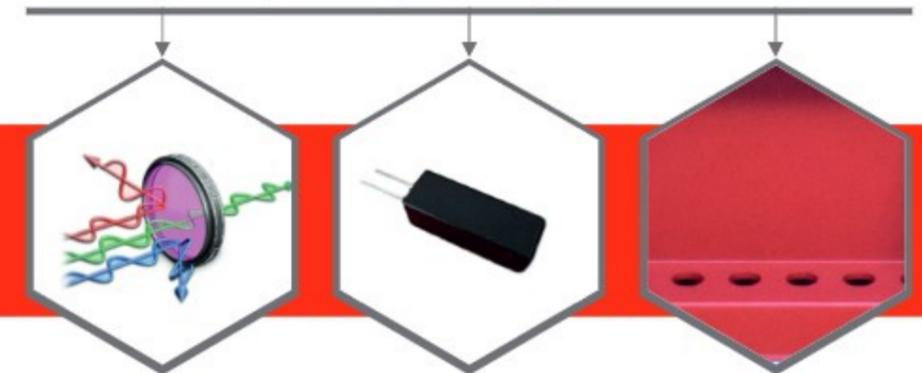


HOME SCREEN

TEST SELECTION

PROGRAMING

WHEN PERFORMANCE MATTERS



Energy Matched Filter

Flowcell

In-Built Incubator

ADVANCED SEMI-AUTO