

## TECHNICAL SPECIFICATIONS

### Photometric Module

- 6 interference filters (EMF) 340, 405, 505, 546, 578 and 630 nm and 2 optional
- Band width ( $\pm 8$  nm)
- Silicon Photo Diode detectors
- Photometric range from 0 to 2.5 O.D
- Halogen lamp of 12 V, 20 W

### Measuring Module

- Dual mode ( Flow cell & Cuvette)
- 30  $\mu$ L flow cell volume
- 10 mm square cuvette
- Variable temperature range through 25°C, 30°C, 37°C by means of Peltier controlled elements
- Minimum aspiration volume – 300  $\mu$ L

### Analysis Mode

- 1-Point linear & non linear
- 2-Point linear & non linear
- 1-Point sample blank linear & non linear
- Rate linear & non linear
- Absorbance
- Immunospectrophotometry
- Bichromatic
- Kinetic with calibration
- Kinetic with factor

### Calibration Curve

- Up to 9 calibration points
- Up to 3 replicates per point
- Axis: Linear and log

### Quality Control

- Levey-Jennings control chart
- Westgard algorithm

### Display

- Touch screen and popup key pad
- View Area 120 x 92 mm
- 25 test menu in each screen
- Touch pen provided for easy scratch proof operation of touch screen

### Memory

- 200 defined programs
- 5000 Test Results
- Reagent Blank storage
- 18000 Control Results
- Built in Calibration History
- Help Function Key

### Result Recall

- Collated Report by Date, ID
- Date and Test wise

### Interface

- LIS & PC compatibility
- Port for external Key board, RS 232 Port

### Power

- Power supply: 85 - 265 V AC, 50-60Hz, 90W

### Dimension

- 362 x 364 x 195 (L x W x H)
- Weight: 6 kg



ISO 9001:2008 & ISO 13485:2012

### AGAPPE DIAGNOSTICS LTD.

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MISPAVIVA

The Synergy of Superior Technology & Quality

# MISPAVIVA

## Semi-automated Clinical Chemistry Analyser



### One System

**MISPA VIVA**, true semi-automated clinical chemistry analyser is a symbol of superior technology and convenience, designed to deliver high accuracy, quality results with least turnaround time and low maintenance.

### Three Superior Technology



#### Unique D<sup>MAX</sup> Technology

In Kinetic Chemistry:

The unique feature that automatically recalculates abnormal sample results  
Accurate results without rerun for high samples

*Saves valuable time, reagent & money*



#### PC compatibility

The convenient option to work through your computer

Adds to convenience in programming, sample testing, QC analysis, reporting etc

*Conveniently sophisticated*



#### Energy Matched Filter (EMF)

Ensures long filter life

Offers equal & stable intensity at all wavelengths for accurate estimation

*Offers high degree of optimization*

**PT. MULTIMEDILAB KARYAMANDIRI**  
MEDICAL & LABORATORY EQUIPMENTS

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## Perfection Predefined

### Seven reasons for One choice

- 1 Embedded system with 5.7" TFT LCD color display with popup keypad**  
Better menu clarity  
Better visibility of reaction curve & data  
Can switch off while at any menu or at any stage  
User-friendly software to save time  
*Offers unparalleled convenience*
- 2 Direct Access Key**  
Direct access to test menu - ready for work at any time  
Eliminates the need to memorize test menu number  
*Offers convenience and saves time*
- 3 ERA Flow cell**  
Ensures clear light passage - for accurate and reproducible results  
Copper flow cell holder - quickly achieves stable temperature for optimal reaction  
Specially designed 30 µL flow cell - low sipping volume  
Dual operating channel – Flow cell & cuvette  
*Offers unmatched accuracy economically*
- 4 ALD Function**  
ALD function to ensure extended life for the lamp  
*Significant power saving - low maintenance expense*
- 5 Accuracy Enhancing Features**  
High precision of 0.0001 resolution and excellent reproducibility  
Aspiration air gap and Auto Empty Function after each sample  
*Offers enhanced Accuracy and rules out the carry over*
- 6 5000 Test Results memory**  
Effective retrieval system- by date, patient ID or test name  
*Enhanced storage and convenience*
- 7 18000 QC result memory**  
Designed with three levels of QC function  
QC statistics displayed with Levy Jennings control chart with Westgard algorithm  
*High quality reporting*

## Ultimate Experience Guaranteed