

First Indian Manufacturer of CLEIA Solutions

Tumour Markers	Infectious Diseases	Fertility	Neurology
CEA AFP PSA CA 125 CA 15-3 CA 19-9 BETA HCG B2MN CYFRA* Free PSA* Pepsinogen-I* Pepsinogen-II* PIVKA-II* ProGRP* SCC* TgAb*	HBsAg-Quant HCVAb ANTI TP HIV HBcAb* HBcIgM* HBeAb* HBeAg* HBcrAg*	LH FSH PRL PROG TESTO E2	Plasma pTau 217 Amyloid β1-42 pTau 217/Amyloid β1-42 Ratio ApoE4* GFAP* Pan ApoE* NfL*
		Diabetes	CSF Total Tau pTau 181 Amyloid β1-42 Amyloid β1-40 Amyloid β1-42/1-40 Ratio
		Insulin C-Peptide	
		Lungs	
		KL-6	
		Others	
		Vitamin D IgE Ferritin w PTH	Thyroid T3 & T4 TSH FT3 & FT4 TPOAb*
Hypertension	Sepsis/Inflammation		
Aldosterone* Renin*	PCT IL-6		

*under development

Specification	
Assay method	CLEIA (Chemiluminescent Enzyme Immunoassay)
Data access type	Random access
Simultaneous assay analytes	8 assays (max.) / sample
Throughput	60 tests / hours
Sample capacity	36 samples (including 3 priority specimens) on board
Reagent capacity	112 tests on board (8 x 14 cartridges)
Sample setting method	Series of 37 sample holders
Sample container	Sample cup (Hitachi cup), Blood collection tube (outer 13-16, Length 75-100 mm)
Sampling method	Disposable tip with a function to detect liquid level and clog
Sample used	10 - 140 µL / test
Sample dilution function	Auto Dilution (5, 10, 100, 200 times)
Self-diagnosis function	Applicable
Type of optical measurement	Photon Counting
Input method	Touch panel, Software keyboard and Hand-held barcode reader
Output method	8 inch LCD, Built-in printer and USB flash drive
On-line input and output	RS232C
Arithmetic processing	Calibration (Master calibration; a function to correct at 2-3 point) Data recalculation, Correlation correction (y=ax+b)
Power supply	Voltage; AC100-240 V (with voltage fluctuation of 10% or less), single phase, 50/60 Hz
Power consumption	360 VA
Dimensions	W890 x D725 x H642 mm (The space of 150 mm from the back side in length and the height of 1185 mm (total height when opening the cover) are kept from the instrument.)

Weight Approx. 70 kg

Toll Free No: 1800 425 7151

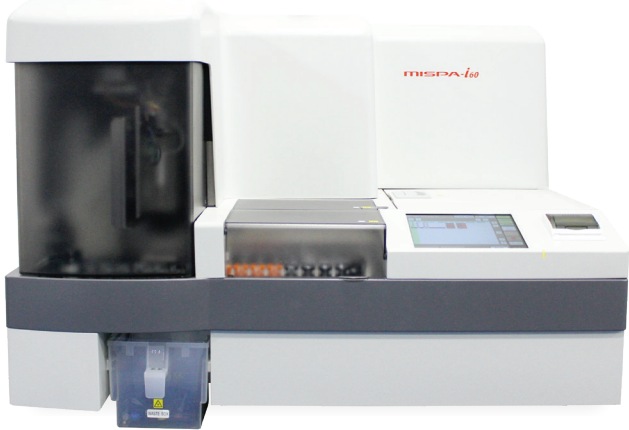
EN ISO 13485:2016

AGAPPE DIAGNOSTICS LTD.

“Agappe Hills”, Pattimattom (PO), Dist. Ernakulam, Kerala - 683 562, India.
TEL: + 91 484 2867000 | productcorp@agappe.in | www.agappe.com



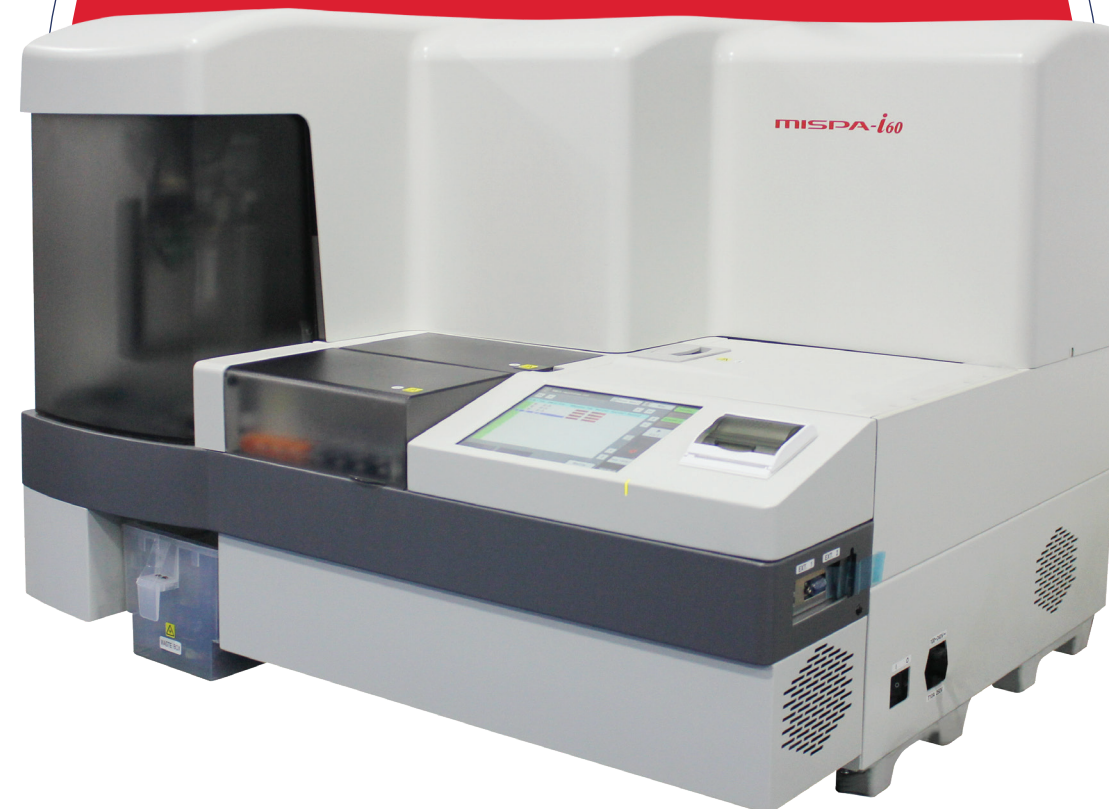
ADL/Mispa-i60/R06-01/26 Company reserves the right to change any design and technical features of the product at any time. If needed.



Mispa i60

Fully Automated Immunoassay Analyzer
Powered by Mono Cartridge based CLEIA Technology

First Time CLEIA in Mono Cartridge System



Mispa i60

Fully Automated Immunoassay Analyzer

Space Saving

Improved the space efficiency suitable as a desk top system by integrating the data processing part into the main analyzer (operated with a touch panel)

Master Calibration

Reduced calibrator points and assay frequency by application of the master calibration making the operation easier.

Disposable Tip

No contamination or carry over between samples. Two tip racks are settable. Each tip rack can contain 96 sample tips.

Urgent Testing

Sample containers are set in sample holder (max 36 tubes) and the first three positions (colored in orange) are for priority specimen.

Data Compatibility

The data is highly-accurate and compatible with the one of other Mispa series.

Mono Test Cartridge

No contamination after opening and reducing the waste of reagent

Refrigerator

The temperature is always kept at 5~15 °C to avoid deterioration of reagents. Total 8 immunoreaction cartridge cases (112 tests) and 2 substrate solution bottles are on board.

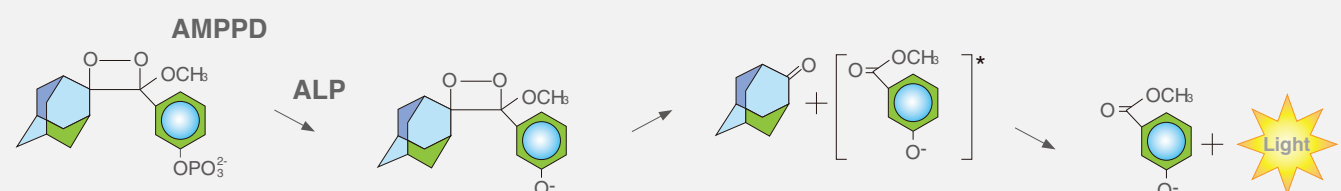
60 Tests / Hour

Always keeps catalogue spec. (60 tests / hour)

CLEIA-Chemiluminescent Enzyme Immunoassay System

Principle

[CLEIA Principle]



Applied 4 Measurement Methods

(one-step method, two-step method, dilution two-step method and specific two-step method)

Method

[Example: Two-step method]

Reaction time is 25 minutes for All Items.

