

Technical Specifications

AGAPPE

Principle	Nephelometry and Photometry
Calibration	Smart Card
Light Source	Laser LED 650nm
Laser Power	5mW
Photo Detectors	Laser Detector
Temperature Control	Dry Heating
Temperature Range	Controlled 37 degrees Celsius
Mixing	Automatic by motor
Zero Setting	Automatic
Key Board	Numeric and Functional Keys (21 Keys)
Display	128 x 64 Graphical Display
Printer	Inbuilt Thermal Graphical printer
Barcode Interface	Hand Held (Optional)
PC Interface	RS 232 Port
Power Supply	85-240 VAC 50/60/HZ
Power Consumption	100W

Free Accessories

With Mispa-i2

R1 Pipette 50 - 200 uL	1
Sensor Pipette 20 - 200 ul	1
Micro Pipette 2 - 20 UL	1
Cuvette Stand	1
Pipette Stand	1
Printer Rolls	2

With Reagent Kit

Smart Card	1
Reaction Cuvette	15/30
Micro Tips	45/90

ISO 9001:2008
EN ISO 13485:2012



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MISPA-i₂
Specific Protein Analyser

ADS/BR/02/R03-03/17 Company reserves the right to change any design and technical features of the product at any time, if needed.

Product Description

Mispa-i2 is a semi automated specific protein analyser that offers the benefits like high precision and quick turnaround results, for all protein assays and supports the clinical management of variety of disease, such as Diabetes, Cardiovascular risk, Inflammation, Kidney disease.

The assays are determined by Nephelometric and Turbidimetric measurement and result accuracy equals the quality of big analysers. Mispa-i2, uses unique double channel measurement technology (UCS) with both Nephelometry and Turbidimetry mode, in UCS the instrument shift automatically from Nephelometer to Turbidimetry and vice versa as to provide you best sensitivity and linearity.




Smart Card Calibration System

- Innovative Smart Card technology
- Easy Automated Calibration
- Multiple Calibration points
- Parameter Specific Calibration enabled built in calibration data
- No reagent wastage
- No calibration failure


EASY 3 STEP ASSAY PROCEDURE

Insert Smart Card




Insert the smart card with lot specific calibration data for programming the analyzer as per the display instruction.

Give the samples



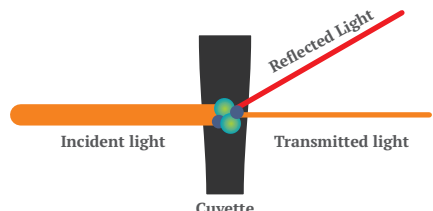
Dispense the start up reagent and sample in to Mispa i2 cuvette for auto incubation and auto start.

Get the results



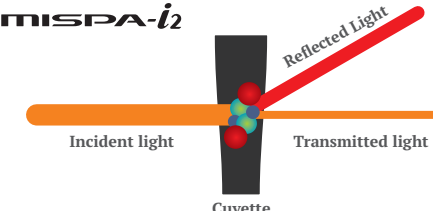
Add reagent R2 as displayed on screen. After the measurement results are printed on the internal printer.

CONVENTIONAL NEPHELOMETER



The incident ray of light will be reflected in conventional Nephelometer. The amount of light absorbed or scattered is directly proportional to the analyte in the sample.

THE NEW GENERATION NEPHELOMETER



Mispa-i2 reagents are coated with latex enhanced antigen antibodies, this process helps to measure the smallest molecule such as Cystatin C or optimal low end sensitivity molecule such as hsCRP.

List of Mispa-i2 System Reagents

Product Code	Product Name	Pack	Measuring Range	Open vial stability
52009011	Alpha 1 Acid Glycoprotein	15 T	10 – 250 mg/dL	60 Days
52009013	Alpha 1 Anti Trypsin	15 T	40 – 400 mg/dL	60 Days
52009012	Alpha 2 Macroglobulin	15 T	95 – 760 mg/dL	60 Days
52009014	ApoA1	15 T	15 – 300 mg/dL	60 Days
52009015	ApoB	15 T	20 – 330 mg/dL	60 Days
52009016	ASO	15 T	50-1000 IU/mL	60 Days
52009001	ASO	30 T	50-1000 IU/mL	60 Days
52009017	C3	15 T	30 – 400 mg/dL	60 Days
52009018	C4	15 T	3 – 80 mg/dL	60 Days
52009019	Ceruloplasmin	15 T	5 – 100 mg/dL	60 Days
52009020	CRP	15 T	0.5-320 mg/L	75 Days
52009002	CRP	30 T	0.5-320 mg/L	75 Days
52009021	Cystatin C	15 T	0-10 mg/L	60 Days
52009022	D-dimer	15 T	0 - 10 µg/mL	45 Days
52009023	Ferritin	15 T	1-1000 ng/mL	60 Days
52009024	Haptoglobin	15 T	15 – 350 mg/dL	60 Days
52009025	HbA1c	15 T	3-13%	45 Days
52009006	HbA1c	30 T	3-13%	45 Days
52009026	IgA	15 T	70 – 630 mg/dL	60 Days
52009027	IgE	15 T	5-1000 IU/mL	60 Days
52009028	IgG	15T	360 - 3000 mg/dL	60 Days
52009029	IgM	15 T	15 – 400 mg/dL	60 Days
52009030	Lambda Light Chain	15 T	40 – 400 mg/dL	60 Days
52009050	Kappa Light Chain	15 T	40 – 800mg/dL	60 Days
52009031	Lp(a)	15 T	1-100 mg/dL	60 Days
52009032	Microalbumin	15 T	5-200 mg/L	75 Days
52009033	Prealbumin	15 T	9 – 75 mg/dL	60 Days
52009034	RF	15 T	10-100 IU/mL	60 Days
52009003	RF	30 T	10-100 IU/mL	60 Days



25 Parameter Assay Panel | Smart Card Calibration | Prozone Detection System | Unique Channel Shifting Technology
500 Result Memory | 3 Step User Friendly Procedure | LIS Compatibility | Auto Rotation & Auto Mixer
Auto Incubation | 30 Min. Battery Backup | NGSP Approved HbA1c Reagents | Graphical Display