



**Test results in
12 minutes**



**3-step simple
operation**

MISPA ChemDx

Auto Dry Biochemistry Analyzer

Supporting healthcare professionals with faster diagnostics



Auto Dry Biochemistry Analyzer

MISPA ChemDx works on Absorption Spectroscopy where change in absorbance is detected by an absorption spectrum and an algorithm is used to calculate the end concentration of the sample.

ADVANTAGES

Low Sample Consumption

Sample Volume needed is 1/10 - 1/20 of conventional chemistry analyzer.

Easy to Use

No professional skill required.

Maintenance Free

Robust analyzer, no consumables needed, such as tubes, pumps and valves.

Accurate Result

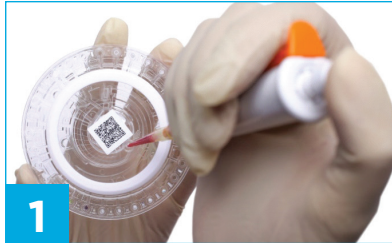
Using the photoelectric colorimetric principle, the Mispa ChemDx analyzer has many advantages versus conventional dry biochemistry analyzer using the light reflection method. Dilution of test sample is guaranteed without random errors or cross contamination.

SPECIFICATION

Sample volume:	100µl	Testing method:	End point, kinetic, fixed time, turbidmetry etc
Testing time:	12 minutes / sample	Light source:	12V/20W, Halogen tungsten lamp with life span over 2500 hours
Temperature:	37°C ± 0.3°C	Power supply:	AC 100V-240V, 50-60Hz
Resolution:	0.001Abs	Display:	Android 7.0 inch 800*480, multi-point capacitive touch screen
Absorbance:	0-3.0Abs	Storage:	500,000 results
Sample type:	Heparinized whole blood, serum, plasma (heparin)	Printer:	Built-in thermal printer
QC&Calibration:	IQC (Intelligent Quality Control/Calibration)	Interface:	4 USB ports, 1 LAN port
Work condition:	Temperature:10-30°C Humidity: 30%-70%	Dimension:	315*375*475mm. 4.2kg(N.W.), 7kg(G.W.)
Testing principle:	Absorption spectroscopy		

EASY 3-STEP OPERATION

All steps are automated from centrifugation, dilution, quality control to test result printing.



1 Add Sample (100µL)



2 Insert Disc (12-minute testing time)



3 Read Results (Immediately)

DISPOSABLE REAGENT DISC

Reagent Disc Introduction

Reagent disc is a fully self-contained single-use chemistry reagent disc designed to satisfy a variety of conditions. Just 3 to 4 drops (100µL) of whole blood are required to offer accurate results. The test kit consists of lyophilized reagent beads, diluent and calibration details in QR code. The reagent disc has a shelf life of 12 months (2-8 °C storage). The diluent is contained in the disc.

Intelligent Quality Control

The reagent disc contains an intelligent internal quality control system IQC which continuously monitors the disc function to ensure reaction stability and optimal disc performance. IQC is the engine that drives the Mispa ChemDx accurately and precisely.

3 COMPREHENSIVE TEST PROFILES

General Chemistry (19 GC)

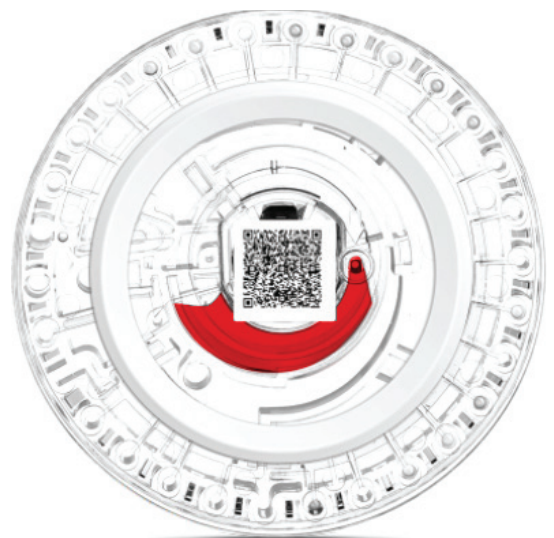
Crea, UREA, UA, ALB, TP, GLU, TC, TG, HDL, ALP, GGT, TB, DB, CHE, TBA, ALT, AST, CK, AMY, GLOB*, U/C*, A/G*, LDL*

Liver Profile (10 Liver)

ALB, ALP, ALT, AMY, AST, CHE, GGT, TBA, TB, TP, GLOB*, A/G*

Renal Profile (10 Renal)

K+, Na+, Cl-, Ca, PHOS, Mg, tCO₂, UREA, Crea, UA, U/C*




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 ISO 9001:2015
EN ISO 13485:2016


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