



Xenon light source



Microfluidic Reagent Rotor



Four independent optical modules

Clinical Chemistry⁺ – Pointcare[®] M3ix4 Blood Chemistry Analyzer

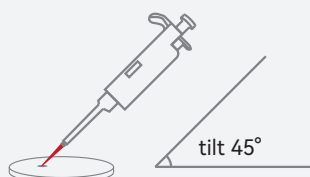
EASY TO USE

Fully automatic system – no special operating skills required

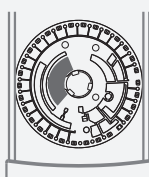
- The MNCHIP Pointcare[®] M3ix4 combines four independent Pointcare analyzers, therefore having four-times test productivity. Meanwhile, independent analyzer units enable users to conduct ready-to-go tests both with single sample and multiple samples.
- 100μL whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- LIS compatible, no need to manually enter patient information.
- Results could be printed through data management platform (MDMP).

QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7-12 minutes



1. Add sample



2. Insert disc

Page Up Page Down Open				
Name:	Age:			
ID:	Gender:			
Department:	Patient Area:			
Sample type:				
Lot:				
Item Name	Result	Indicator	Ranges	Unit
ALB	45.0		40-50	g/L

3. Read results

ACCURATE AND RELIABLE

Advanced technology ensures precise results

- Microfluidics discs with pre-installed reagent pellets ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system, and a multiple-wavelength detector.
- Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer).

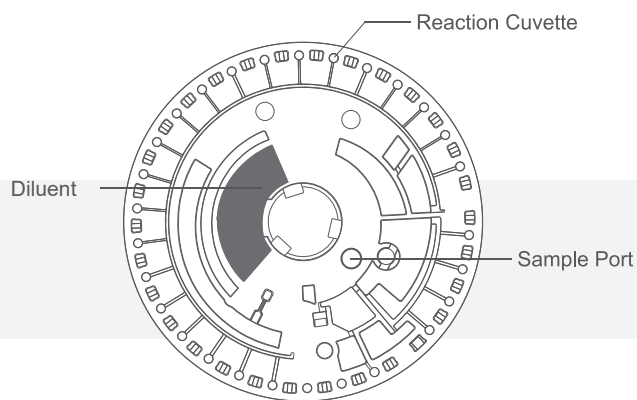
Specifications

Sample Type	Whole blood, Plasma, Serum
Sample Size	100μL
Time to Results	About 7-12 minutes
Reaction Temperature	37°C±0.2°C
Power Requirement	440 VA
Dimensions	283(L)×324(W)×383(H)mm
Net weight	About 13.5kg

Parameters	Up to 19 parameters in one test, 33 parameters configured into 10 profiles
Reagent Disc	Disposable, prepackaged with self-contained lyophilized reagent
Calibration	Automatic self-calibration by scanning QR Code on the aluminium foil pouch
Quality Control	Built-in Realtime Quality Control(RQC) system
Connection Interfaces	USB, LIS/EMR capable
Print Mode	External Printer via MNCHIP Medical Data Management Platform/LIS/EMR etc.
Data Capacity	50,000 test results and quality control date
Operation Environment	Temperature 10-30°C, Humidity 40-85%

MNCHIP

Pointcare® M3ix4 Reagent Discs



	General Chemistry I Lyophilized Kit			Clinical Emergency Lyophilized Kit			Renal Function Panel Lyophilized Kit			Liver Function Panel Lyophilized Kit			Electrolyte Panel Lyophilized Kit			Glucose and Lipid Panel Lyophilized Kit			General Chemistry II Lyophilized Kit			Liver and Renal Function Lyophilized Kit			Ammonia Panel Lyophilized Kit			General Chemistry IV Lyophilized Kit		
TP	TP						TP												TP			TP								
ALB	ALB		ALB				ALB												ALB			ALB								
GLO*	GLO*						GLO*												GLO*			GLO*								
A/G*	A/G*						A/G*												A/G*			A/G*								
ALT	ALT						ALT												ALT			ALT								
AST	AST	AST					AST												AST			AST								
GGT							GGT												GGT			GGT								
ALP							ALP																							
TBIL	TBIL						TBIL												TBIL			TBIL								
DBIL	DBIL						DBIL																							
IBIL*	IBIL*						IBIL*																							
UA	UA	UA	UA																UA			UA								
CRE	CRE	CRE	CRE														CRE	CRE	CRE			CRE								
UREA	UREA		UREA														UREA	UREA	UREA			UREA								
CK		CK																												
CK-MB		CK-MB																												
LDH		LDH																												
α-HBDH		α-HBDH																												
AMY		AMY															AMY													
GLU	GLU	GLU											GLU	GLU			GLU	GLU	GLU											
GSP													GSP																	
TG	TG												TG																	
CHOL	CHOL												CHOL																	
HDL-C	HDL-C												HDL-C																	
LDL-C*	LDL-C*												LDL-C*																	
K ⁺		K ⁺											K ⁺				K ⁺													
Na ⁺		Na ⁺											Na ⁺				Na ⁺													
Cl ⁻		Cl ⁻											Cl ⁻				Cl ⁻													
Ca ²⁺			Ca ²⁺										Ca ²⁺																	
P			P										P																	
Mg ²⁺													Mg ²⁺																	
CO ₂		CO ₂	CO ₂										CO ₂				CO ₂													
NH ₃																										NH ₃				

* Calculated test value