

Specifications

Sample Type	Whole blood (lithium-heparinized); Plasma (lithium-heparinized); Serum
Sample Size	About 100μl
Reagent disc	One-Time-Use, self-contained reagent in dry form, up to 15 assays in a test, including assays of Liver Function, Renal Function, Pancreas Function and so on
Reagent Information	Built in QR code
User Interface	Chinese/English operation interface; Touch screen 3.5 inch Color LCD
Data capacity	More than 50000
Data Communication	Bluetooth; WLAN function; 1 USB port; 1 Ethernet interface; supporting LIS
Print mode	MNCHIP Chemistry Management Platform; External thermal printer (optional)
Operating Condition	10-30℃ Temperature, 40-85% Humidity
Reaction Temperature	37℃±0.1℃
Analyzing Time	About 10 minutes
Calibration	Automatic calibration by QR code
Power supply requirements	AC100V-240V, 50-60Hz, DC 24V
Dimension & Weight	147mm(H)x114mm(W)x194mm(D); 2.3Kg

CONTACT US

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DISTRIBUTOR:

MNCHIP



Pointcare® M1 Chemistry Analyzer



- +

portable
- +

one-touch
- +

acuurate
- +

cost-effective

Fully automated “SAFE” POCT biochemistry diagnosis system

Smaller

weight: 2.3 kg
dimension: 14.7*11.4*19.4 cm
3 drops of whole blood sample only



Accurater

QR code calibration
Built-in running quality control
Good correlation with comparative system
Indices of hemolysis, icterus and lipemia



Faster

1 minute power on self test to standby
Up to 14 results in just 7-14 minutes



Easier

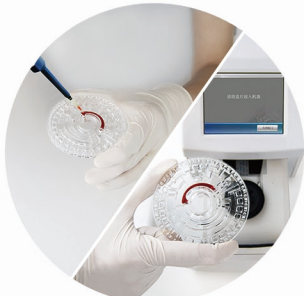
3 steps easy operation
Free daily maintenance
1 minute upgrading



Simplify your workflow with 3 steps



step 1:
collect blood



step 2:
add sample and
place the rotor



step 3:
print results

Test Portfolio

Liver Function 8	TP ALB GLO* ALB/GLO* TBIL DBIL IBIL* ALT AST GGT ALP
Renal Function 7	CRE UREA UA CO ₂ Ca ²⁺ P ALB
Electrolyte 7	K ⁺ Na ⁺ Cl ⁻ CO ₂ Ca ²⁺ Mg ²⁺ P
Myocardial Enzymogram 5	CK CK-MB LDH α-HBDH AST
Glucose and Lipid 5	TG CHOL HDL-C LDL-C* GLU GSP
General Chemistry 13	TP ALB GLO* ALB/GLO* TBIL ALT UREA CRE UA GLU CHOL TG HDL-C LDL-C*
General Chemistry 8	K ⁺ Na ⁺ Cl ⁻ CO ₂ GLU CRE UREA AMY
Liver and Renal Function 9	TP ALB GLO* ALB/GLO* TBIL ALT AST GGT UREA CRE GLU
Clinical Emergency 13	LDH AST CK CKMB Cl ⁻ K ⁺ UA GLU Na ⁺ CO ₂ AMY CRE α-HBDH

* Calculated Value

100%
Rotor Guarantee



Precision (n = 20)

Analyte	L(control serum)			M(control serum)			H(control serum)		
	Mean	SD	CV %	Mean	SD	CV %	Mean	SD	CV %
ALB(g/L)	38.83	0.6183	1.59%	45.88	0.8954	1.95%	54.61	0.6226	1.14%
ALP(U/L)	185.4	2.8363	1.53%	337.3	5.5986	1.66%	740.4	6.4670	0.87%
ALT(U/L)	37.2	0.4216	1.13%	142.7	1.7670	1.24%	295.1	3.9001	1.32%

Correlation of Pointcare M1 System with Comparative Method

