



Xenon light source



Microfluidic Reagent Rotor

**7** minutes

Sample-to-answer in 3 simple steps and approximately 7 -12 minutes

## Clinical Chemistry<sup>+</sup> - Celercare<sup>®</sup> M5 On-site Blood Chemistry Analyzer

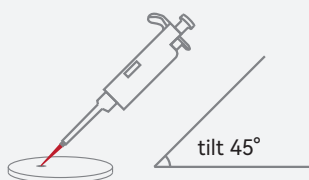
### EASY TO USE

Fully automatic system - no special operating skills required

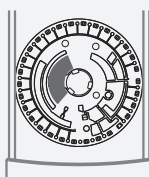
- 8.0 inch capacitive touch screen, more friendly interface.
- 100µL whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office printer or 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 stroboscopic 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).

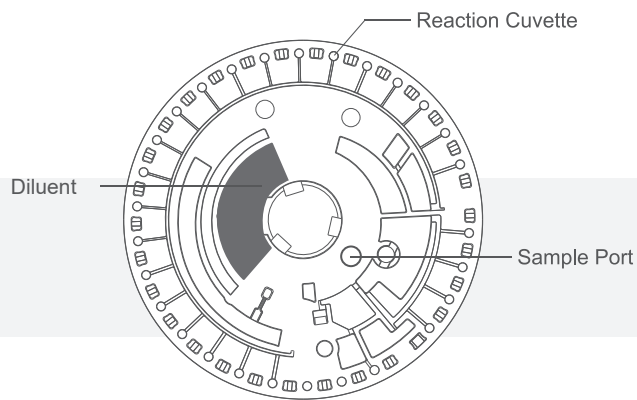
### Specifications

Sample Type	Whole blood, Plasma, Serum
Sample Size	100µL
Time to Results	About 7-12 minutes
User Interface	8.0 Inch touch screen
Reaction Temperature	37°C±0.2°C
Power Requirement	120VA
Dimensions	260(L)×230(W)×325(H)mm
Net weight	About 5.5kg

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	WLAN, USB, Ethernet interface, RS232 Serial Interface, compatible with LIS
Print Mode	Built-in thermal printer, office printer (optional), MDMP, LIS
Data Capacity	50,000 test results and quality control data
Operation Environment	Temperature 10-30°C, Humidity 40-85%

**MNCHIP**

# Celercare® M5 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					ALP
TBIL	TBIL			TBIL				TBIL	TBIL
DBIL	DBIL			DBIL					DBIL
IBIL*	IBIL*			IBIL*					IBIL*
UA	UA	UA	UA						UA
CRE	CRE	CRE	CRE			CRE	CRE		CRE
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
GSP					GSP				
TG	TG				TG				TG
CHOL	CHOL				CHOL				CHOL
HDL-C	HDL-C				HDL-C				HDL-C
LDL-C*	LDL-C*				LDL-C*				LDL-C*
K <sup>+</sup>		K <sup>+</sup>		K <sup>+</sup>		K <sup>+</sup>			
Na <sup>+</sup>		Na <sup>+</sup>		Na <sup>+</sup>		Na <sup>+</sup>			
Cl <sup>-</sup>		Cl <sup>-</sup>		Cl <sup>-</sup>		Cl <sup>-</sup>			
Ca <sup>2+</sup>			Ca <sup>2+</sup>	Ca <sup>2+</sup>					
P			P	P					
Mg <sup>2+</sup>				Mg <sup>2+</sup>					
CO <sub>2</sub>		CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>		CO <sub>2</sub>			
NH <sub>3</sub>								NH <sub>3</sub>	

\* Calculated test value