



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® M5 On-site Blood Chemistry Analyzer

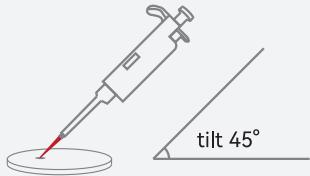
### EASY TO USE

Fully automatic system – no special operating skills required

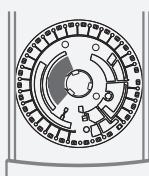
- 8.0 inch capacitive touch screen, more friendly interface.
- 100µL whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office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

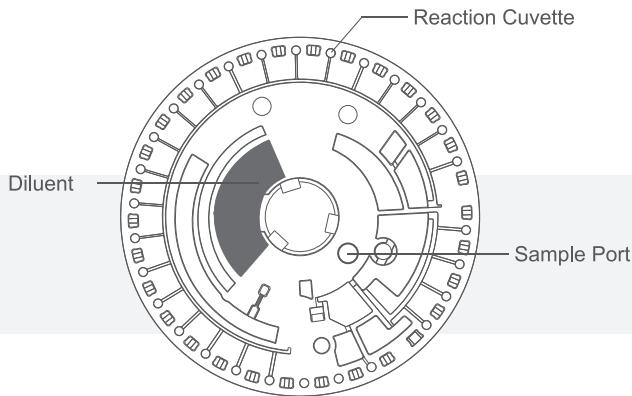
### Specifications

Sample Type	Whole blood, Plasma, Serum	Parameters	Up to 19 parameters in one test, 33 parameters configured into 10 profiles
Sample Size	100µL	Reagent Disc	Disposable, prepackaged with self-contained lyophilized reagent
Time to Results	About 7-12 minutes	Calibration	Automatic self-calibration by scanning QR Code on the aluminium foil pouch
User Interface	8.0 Inch touch screen	Quality Control	Built-in Realtime Quality Control (RQC) system
Reaction Temperature	37°C±0.2°C	Connection Interfaces	WLAN, USB, Ethernet interface, RS232 Serial Interface, compatible with LIS
Power Requirement	120VA	Print Mode	Built-in thermal printer, office printer (optional), MDMP, LIS
Dimensions	260(L)×230(W)×325(H)mm	Data Capacity	50,000 test results and quality control data
Net weight	About 5.5kg	Operation Environment	Temperature 10-30°C, Humidity 40-85%

MNCHIP

CE ▲ ISO 13485

# 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			TP			TP			TP			TP			TP			TP									
ALB	ALB		ALB	ALB													ALB			ALB			ALB														
GLO*	GLO*				GLO*													GLO*			GLO*			GLO*													
A/G*	A/G*					A/G*												A/G*			A/G*			A/G*													
ALT	ALT					ALT												ALT			ALT			ALT													
AST	AST	AST				AST												AST			AST			AST													
GGT						GGT												GGT			GGT			GGT													
ALP						ALP																		ALP													
TBIL	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	CRE			CRE													
UREA	UREA		UREA															UREA	UREA	UREA	UREA			UREA													
CK		CK																																			
CK-MB		CK-MB																																			
LDH		LDH																																			
$\alpha$ -HBDH		$\alpha$ -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 <sup>+</sup>	K <sup>+</sup>																	K <sup>+</sup>																			
Na <sup>+</sup>	Na <sup>+</sup>																	Na <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>																			
NH <sub>3</sub>																																					

\* Calculated test value