



Xenon light source



Microfluidic Reagent Rotor

**7** minutes

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

## Clinical Chemistry<sup>+</sup> - V5 On-site Blood Chemistry Analyzer

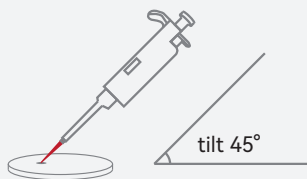
### EASY TO USE

Fully automatic system - no special operating skills required

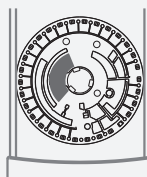
- 8.0 inch capacitive touch screen, more friendly interface.
- 100µL whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office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

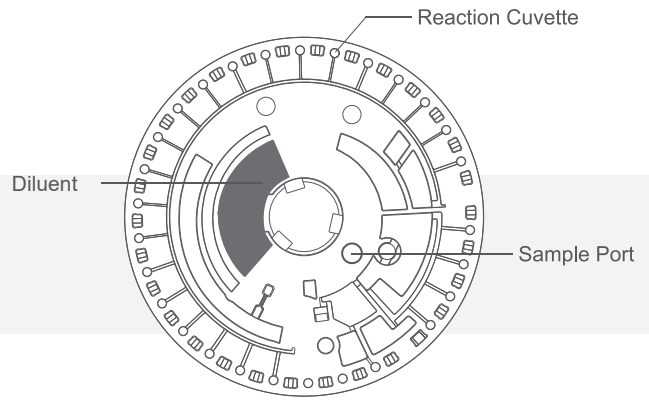
Advanced technology ensures precise results

- Microfluidics discs with pre-installed reagent pellets ensure accurate analysis of blood samples and reagents.
- Stable measurement optics include a troscopic 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 date
Net weight	About 5.5kg	Operation Environment	Temperature 10-30°C, Humidity 40-85%

# 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