



Xenon light source



Microfluidic Reagent Rotor

7 minutes

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

Clinical Chemistry⁺ - Celercare[®] cM5 On-site Blood Chemistry Analyzer

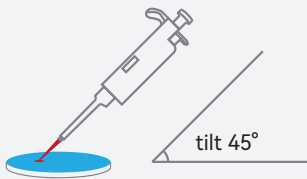
EASY TO USE

Fully automated system - no special operating skills required

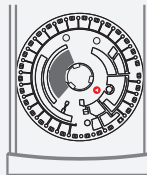
- 8.0 inch capacitive touch screen, more friendly interface.
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office printer or through data management platform (MDMP).

QUICK RESULTS

From sample to complete results in 3 simple steps in approximately 7 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).

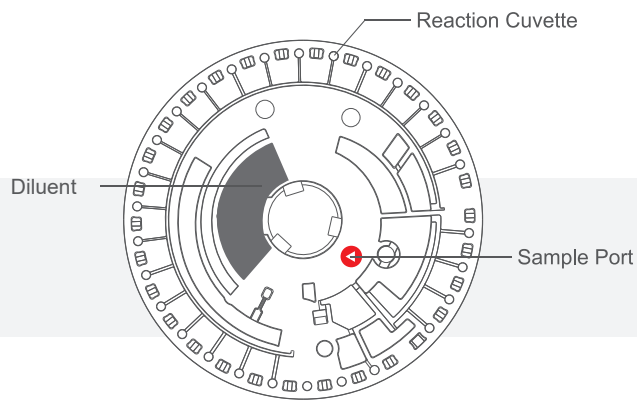
Specifications

Sample Type	Whole blood, Plasma, Serum
Sample Size	100µL
Time to Results	About 7-10minutes
User Interface	Full-color touch screen
Reaction Temperature	37°C±0.2°C
Power Requirement	AC 100V-240V, 50-60HZ
Dimensions	255(L)×230(W)×330(H)mm
Weight	5.5kg

Parameters	Up to 19 parameters in one test, 34 parameters configured into 13 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 HIS
Print Mode	Optional external thermal printer, office printer, MDMP, HIS
Data Capacity	More than 50,000 test results and quality control date
Operation Environment	Temperature 10-30°C, Humidity 40-85%

MNCHIP

Celercare cM5 Reagent Discs



General Chemistry I Lyophilized Kit
 Clinical Emergency Lyophilized Kit
 Renal Function Panel Lyophilized Kit
 Liver Function Panel Lyophilized Kit
 Myocardial Enzyme Panel Lyophilized Kit
 Electrolyte Panel Lyophilized Kit
 Glucose and Lipid Panel Lyophilized Kit
 GLU & Lipid & HCY Panel Lyophilized Kit
 General Chemistry II Lyophilized Kit
 Liver and Renal Function Lyophilized Kit
 Ammonia Panel Lyophilized Kit
 General Chemistry IV Lyophilized Kit
 General Chemistry V 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	ALT
AST	AST	AST		AST	AST					AST			AST	AST
GGT				GGT						GGT			GGT	GGT
ALP				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	CRE
UREA	UREA		UREA						UREA	UREA			UREA	UREA
CK		CK			CK									CK
CK-MB		CK-MB			CK-MB									CK-MB
LDH		LDH			LDH									LDH
α-HBDH		α-HBDH			α-HBDH									
AMY		AMY								AMY				
GLU	GLU	GLU					GLU	GLU	GLU	GLU			GLU	
GSP							GSP							
HCY								HCY						
TG	TG						TG	TG					TG	
CHOL	CHOL						CHOL	CHOL					CHOL	
HDL-C	HDL-C						HDL-C	HDL-C					HDL-C	
LDL-C*	LDL-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