



Xenon light source



Microfluidic Reagent Rotor

**7** minutes

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

## Clinical Chemistry<sup>+</sup> - Celercare<sup>®</sup> cM5 On-site Blood Chemistry Analyzer

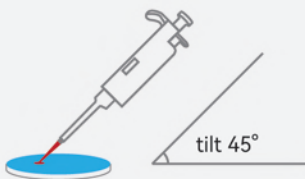
### EASY TO USE

Fully automated system - no special operating skills required

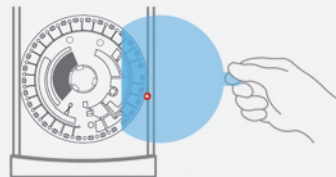
- 8.0 inch capacitive touch screen, more friendly interface.
- 0.1cc whole blood, serum or plasma.
- Barcoded prefabricated calibration information
- Built-in printer, results printed directly.
- LIS compatible, no need to manually enter patient information.
- Results could be printed through an office 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	Parameters	Up to 19 parameters in one test, 34 parameters configured into 13 profiles
Sample Size	100µL	Reagent Disc	Disposable, prepackaged with self-contained lyophilized reagent
Time to Results	About 7 minutes	Calibration	Automatic self-calibration by scanning QR Code on the aluminium foil pouch
User Interface	Full-color touch screen	Quality Control	Built-in Realtime Quality Control(RQC) system
Reaction Temperature	37°C±0.1°C	Connection Interfaces	WLAN, USB, Ethernet interface, RS232 Serial Interface, compatible with HIS
Power Requirement	AC 100V-240V, 50-60HZ	Print Mode	Optional external thermal printer, office printer, MDMP, HIS
Dimensions	255(L)×230(W)×330(H)mm	Data Capacity	More than 50,000 test results and quality control date
Weight	6.0kg	Operation Environment	Temperature 10-30°C, Humidity 40-85%

**MNCHIP**

