

Stock Code: 300298

# iCARE-2100

Portable Automatic  
Multi-function Analyzer

*Core Technology*  
— **Liquid Phase** *iPOCT*



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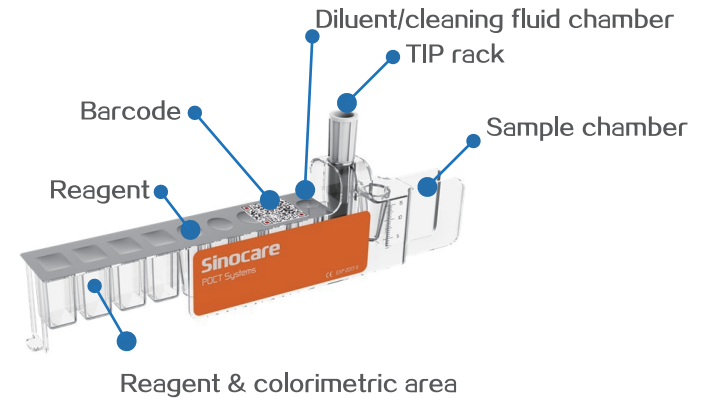
iCARE-2100



Cartridge holder

- Accuracy: comparable result
- Multi-parameters: including biochemistry, coagulation, HbA1c, ACR parameters
- Efficiency: testing time within 3-15 minutes, iPOCT system is exceedingly suit for individual test, truly on demand
- Easy of operation: only three steps, no need of professional operation and calibration
- Economy: low cost without additional consumables & no daily maintenance required
- Compatibility: compatible with your data management system
- Self-contained and single-use cartridge, unique tips

28\* cartridges 62\* indicators



## Linearity Within Optical Measurement Range

The linearity within optical measurement range meets the requirement below:

Measuring system	Linearity correlation coefficient
Light transmission system	The maximum light absorbency =2.0,R=0.995
Fluorescence system	Fluorescent intensity within 500-2300,R=0.99
Light reflection system	Reflectivity within 5.5%~80.0%,R=0.99

# Sinocare Rapid Reagent Kit

Reagent Kit	Detection Indicator	Detection Indicator	Test Principle	Specimen	Volume	Time
Inflammation I	FR CRP(hs-CRP+CRP)	C-Reactive Protein	Latex immunoturbidimetry	Whole blood	15 $\mu$ l	8.5min
Inflammation II	FR CRP(hs-CRP+CRP)	C-Reactive Protein	Latex immunoturbidimetry	Serum	150 $\mu$ l	9min
	SAA	Serum Amyloid A				
Liver Function I	ALT	Alanine Aminotransferase	Rate method	Serum	150 $\mu$ l	15min
	AST	Aspartate Aminotransferase				
	T-Bil	Total Bilirubin	End-point method			
	ALB	Albumin				
Liver Function II	D-Bil	Direct Bilirubin	End-point method	Serum	150 $\mu$ l	14min
	TP	Total Protein				
	ALP	Alkaline Phosphatase	Rate method			
	GGT	$\gamma$ -Glutamyl Transferase				
Blood lipid	TC	Total cholesterol	Enzymatic method (End-point method)	Serum	150 $\mu$ l	15min
	TG	Triglycerides				
	HDL-C	HDL cholesterol				
	LDL-C	LDL cholesterol				
Renal Function I	Urea	Urea	Enzymatic kinetic method	Serum	150 $\mu$ l	12min
	Crea	Creatinine	Enzymatic method (End-point method)			
	UA	Uric Acid				
Renal Function II	$\beta$ 2-MG	$\beta$ 2-Microglobulin	Latex immunoturbidimetry	Serum	150 $\mu$ l	13min
	Cys-C	Cystatin C				
Screening for chronic disease	Glu	Glucose	Enzymatic method	Serum	150 $\mu$ l	13min
	HCY	Homocysteine				
	UA	Uric Acid				
	LDL-C	Low Density Lipoprotein Cholesterol				
Coagulation	PT	Prothrombin time	Clotting method	Plasma	400 $\mu$ l	15min
	APTT	Activated Partial Thromboplastin time				
	TT	Thrombin time				
	FIB	Fibrinogen				

Reagent Kit	Detection Indicator	Detection Indicator	Test Principle	Specimen	Volume	Time
Prothrombin time /INR	PT	Prothrombin time	Clotting method	Plasma	150 μl	5min
	INR	INR	/			
Myocardial Enzyme	CK	Creatine kinase	Rate method	Serum	150 μl	14min
	CK-MB	Creatine kinase myocardial band				
	LDH	Lactate dehydrogenase				
	α HBDH	α - Hydroxybutyrate Dehydrogenase				
Mellitus I	Glu	Glucose	Enzymatic method	Serum	150 μl	9min
	GA	Glycated Serum Albumin				
HbA1c	HbA1c	Glycated Hemoglobin	Boric Acid Affinity Liquid Chromatography	Whole blood	5 μl	3min
ACR	mAlb	Urinary Microalbumin	Fluorescence	Urine	150 μl	8min
	Ucr	Creatinine	Benedict-Behre method			
	mAlb/Ucr	mAlb/Ucr	/			
Digestive System Screening	TBA	Total Bile Acid	Rate method	Serum	150 μl	10min
	CHE	Cholinesterase				
	α-AMY	α-Amylase				
D-Dimer	D-Dimer	D-Dimer	Latex immunoturbidimetry	Serum	400 μl	9min
Homocysteine	HCY	Homocysteine	Enzymatic cycling method	Serum	150 μl	9min
Neutrophil gelatinase-associated lipocalin	NGAL	Neutrophil gelatinase-associated lipocalin	Latex immunoturbidimetry	Plasma	150 μl	9min
Procalcitonin	PCT	Procalcitonin	Latex immunoturbidimetry	Serum	150 μl	10min
Heart-type fatty acid-binding protein	H-FABP	Heart-type fatty acid-binding protein	Latex immunoturbidimetry	Serum	150 μl	10min
C-Reactive Protein / Anti-streptolysin O / Rheumatoid Factor	CRP	C-Reactive Protein	Latex immunoturbidimetry	Serum	150 μl	13min
	ASO	Anti-streptolysin O				
	RF	Rheumatoid Factor				
Immunoglobulin	IgA	Immunoglobulin A	Immunoturbidimetry	Serum	150 μl	13min
	IgG	Immunoglobulin G				
	IgM	Immunoglobulin M				

Reagent Kit	Detection Indicator	Detection Indicator	Test Principle	Specimen	Volume	Time
Pepsinogen I / Pepsinogen II	PG I	Pepsinogen I	Latex immunoturbidimetry	Serum	150 $\mu$ l	12min
	PG II	Pepsinogen II				
	PG I / PG II	Pepsinogen I / Pepsinogen II				
Lipoprotein-associated Phospholipase A2	Lp-PLA2	Lipoprotein-associated Phospholipase A2	Rate method	Serum	150 $\mu$ l	8min
*Serum amyloid A	SAA	Serum amyloid A	Latex immunoturbidimetry	Serum	150 $\mu$ l	9min
*Electrolyte (I)	K	Potassium	Rate method/end-point method	Serum	150 $\mu$ l	13min
	Na	Sodium				
	Cl	Chlorine				
	Ca	Calcium				
*Electrolyte (II)	P	Phosphorus	Rate method/end-point method	Serum	150 $\mu$ l	15min
	Mg	Magnesium				
	Fe	Iron				
	CO <sub>2</sub>	Carbon dioxide				
*Cardiac troponin I / Myoglobin / Creatine Kinase MB	CTnI	Cardiac troponin I	Latex immunoturbidimetry / Rate method	Serum	150 $\mu$ l	14min
	MYO	Myoglobin				
	CK-MB	Creatine Kinase MB				
*Zinc reagent kit						
*G6PD reagent kit						
*Copper reagent kit						

Reagent cards marked \* are under development.

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## Specifications

Physical Dimensions	445.0mm L x 293.0mm W x 308.6mm H	
Display	9.7 inch touch screen, 1024*768p resolution	
Data Interface	Wireless	Wi-fi
		IEEE802.11b/g/n standard
	Wired	USB(2.0) x 2
		RS232 x 1
	LAN(RJ45) x 1	
Performance Parameters	Analyzer's Storage & Transportation conditions: -20℃~55℃, ≤85% RH	
	Reagent Kit's Storage & Transportation conditions: 2℃~8℃	
	Working conditions: 15℃~30℃, 25%~85% RH	
Power Requirements	Rated Voltage: 100~240V AC (voltage fluctuation: ± 10%)	
	Rated Power: 160W	
	Frequency: 50/60V	
Printer	Built-in thermal printer	
Data Storage	80000 sample test results, 10000 QC test results	

## ABOUT SINOCARE

By cherishing our core values of “Honor the Commitment, Dedicate to Healthcare”, we have been fully dedicated to the innovation of biosensor technology, developing, manufacturing and marketing rapid diagnosis testing products for people with chronic diseases and healthcare professionals.

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