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iCARE-2100

Portable Automatic
Multi-function Analyzer

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



Sinocare
caring for love

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Portable Automatic Multi-function Analyzer

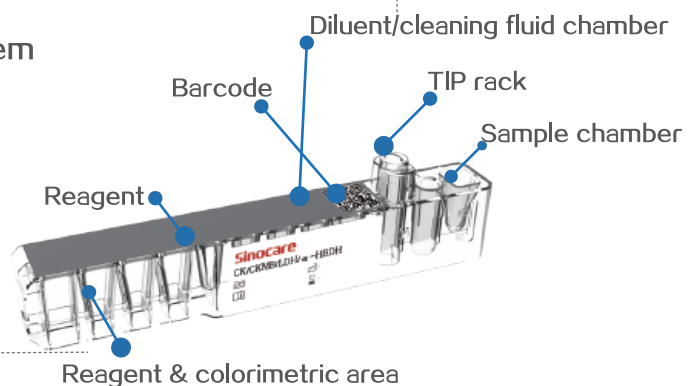


iCARE-2100



Cartridge holder

- Accuracy: liquid phase reaction system
- Fast: only needs 3~15 minutes test time. iPOCT system is exceedingly suit for individual test, truly on-demand
- Easy of operation: no need of professional operation/calibration, fully integrates and automates
- Economic: lowcost without additional consumables & no daily maintenance required
- Intelligent: uniform software interface, offering complete interfacing
- compatibility with your data management system
- Unique TIP-sharp sample probes
- Self-contained & single-use cartridge



16* cartridges 37* 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
Inflammation I	FR CRP(hs-CRP+CRP)	C-Reactive Protein	Latex immunoturbidimetry
Inflammation II	FR CRP(hs-CRP+CRP)	C-Reactive Protein	Latex immunoturbidimetry
	SAA	Serum Amyloid A	Latex immunoturbidimetry
Liver Function I	ALT	Alanine Aminotransferase	Rate method
	AST	Aspartate Aminotransferase	Rate method
	T-Bil	Total Bilirubin	End-point method
	ALB	Albumin	End-point method
Liver Function II	D-Bil	Direct Bilirubin	End-point method
	TP	Total Protein	End-point method
	ALP	Alkaline Phosphatase	Rate method
	GGT	γ -Glutamyl Transferase	Rate method
Blood lipid	TC	Total cholesterol	Enzymatic method(End-point method)
	TG	Triglycerides	Enzymatic method(End-point method)
	HDL-C	HDL cholesterol	Enzymatic method(End-point method)
	LDL-C	LDL cholesterol	Enzymatic method(End-point method)
Renal Function I	Urea	Urea	Enzymatic kinetic method
	Crea	Creatinine	Enzymatic method(End-point method)
	UA	Uric Acid	Enzymatic method(End-point method)
Renal Function II	β 2-MG	β 2-Microglobulin	Latex immunoturbidimetry
	Cys-C	Cystatin C	Latex immunoturbidimetry
Screening for chronic disease	Glu	Glucose	Enzymatic method
	HCY	Homocysteine	Enzymatic method
	UA	Uric Acid	Enzymatic method
	LDL-C	Low Density Lipoprotein Cholesterol	Enzymatic method
Coagulation	PT	Prothrombin time	Clotting method
	APTT	Activated Partial Thromboplastin time	Clotting method
	TT	Thrombin time	Clotting method
	FIB	Fibrinogen	Clotting method
Prothrombin time /INR	PT	Prothrombin time	Clotting method
	INR	INR	/
Myocardial Enzyme	CK	Creatine kinase	Rate method
	CK-MB	Creatine kinase myocardial band	Rate method
	LDH	Lactate dehydrogenase	Rate method
	α HBDH	α -Hydroxybutyrate Dehydrogenase	Rate method
Mellitus I	Glu	Glucose	Enzymatic method
	GA	Glycated Serum Albumin	Enzymatic method
Mellitus II	1,5-AG	1,5-Anhydro-D-Sorbitol	Enzymatic method
HbA1c	HbA1c	Glycated Hemoglobin	Boric Acid Affinity Liquid Chromatography
ACR	mAlb	Urinary Microalbumin	Fluorescence
	Ucr	Creatinine	Benedict-Behre method
	mAlb/Ucr	mAlb/Ucr	/
Digestive System Screening	TBA	Total Bile Acid	Rate method
	CHE	Cholinesterase	Rate method
	α -AMY	α -Amylase	Rate method

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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

Wired

Wi-fi

USB(2.0) x 2

IEEE802.11b/g/n standard

RS232 x 1

LAN(RJ45) x 1

PERFORMANCE PARAMETERS

Analyzer's Storage & Transportation conditions: $-20^{\circ}\text{C}\sim 55^{\circ}\text{C}$, $\leq 85\%$ RH

Reagent Kit's Storage & Transportation conditions: $2^{\circ}\text{C}\sim 8^{\circ}\text{C}$

Working conditions: $15^{\circ}\text{C}\sim 30^{\circ}\text{C}$, 25%~85% RH

POWER REQUIREMENTS

Rated Voltage: 100~240V AC (voltage fluctuation: $\pm 10\%$)

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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