

Finecare™ FIA Meter (FS-112)

Fluorescence Immunoassay Rapid Quantitative Test

- Rapid
- Accurate
- Convenient
- Reliable
- Popular
- Extensible





Fineware™ FIA Meter

Fineware™ FIA Meter is a fluorescence immunochemical analysing system which can help diagnose conditions such as infection, diabetes, cardiovascular diseases, renal injury and cancers, etc.

The Fineware™ platform provides reliable and quantitative results of various kinds of analytes in human blood or urine within several minutes.

Application: Laboratory, ER, Cardiology, ICU, Respiratory, Pediatrics, etc.

Test Item

- **Fertility**

β-HCG, LH, FSH, PRL, Prog

- **Infection**

PCT, CRP (hsCRP+CRP), 2 in 1 (CRP+PCT), SAA

- **Cardiac**

NT-proBNP, cTnI, Myo, CK-MB,

3 in 1 (cTnI + Myo + CK-MB),

2 in 1 (cTnI+NT-ProBNP), BNP

- **Diabetes & Renal Injury**

HbA1c, MAU, NGAL, β2-MG

- **Tumor**

AFP, PSA, CEA, fPSA

- **Coagulation**

D-Dimer

- **Thyroid Hormone**

T3, T4, TSH

- **Hormone**

Vitamin-D

- **Ongoing**

Cortisol,

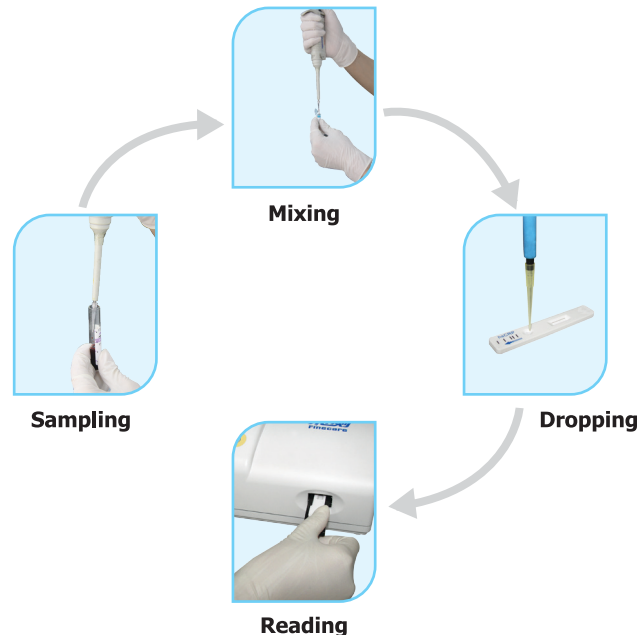
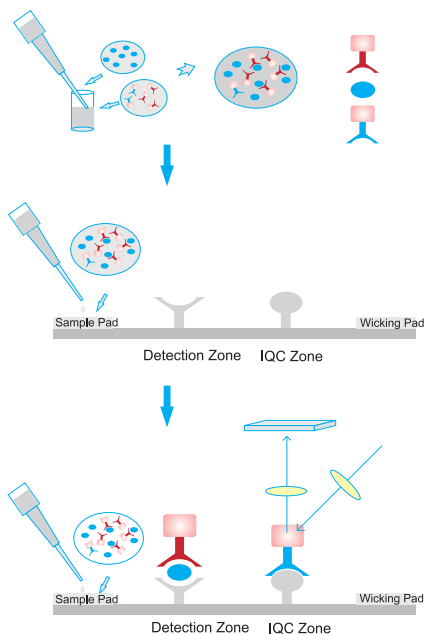
S100β,

ST2,

E2,

Testosterone

Principle and Operation



Why Choose Finecare™



Extra quick operating mode for large number of specimens



Powerful information management (Direct connection to LIS/HIS)



Convenient and fast. Get results in 3-15 minutes

Unique quick mode

Designed sampler

Information management

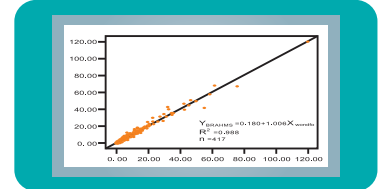
Reliable accuracy

Instant result

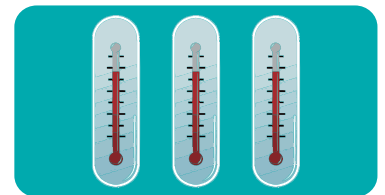
Room temperature storage



Specially-designed sampler for small volume of specimen



Good correlation with wet chemistry method results



Solid synthetic craft, can be stored at room temperature (4-30 °C)

Built-in Thermal Printer

Real-time printing

3.5" LCD Touch Screen

Dimensions:

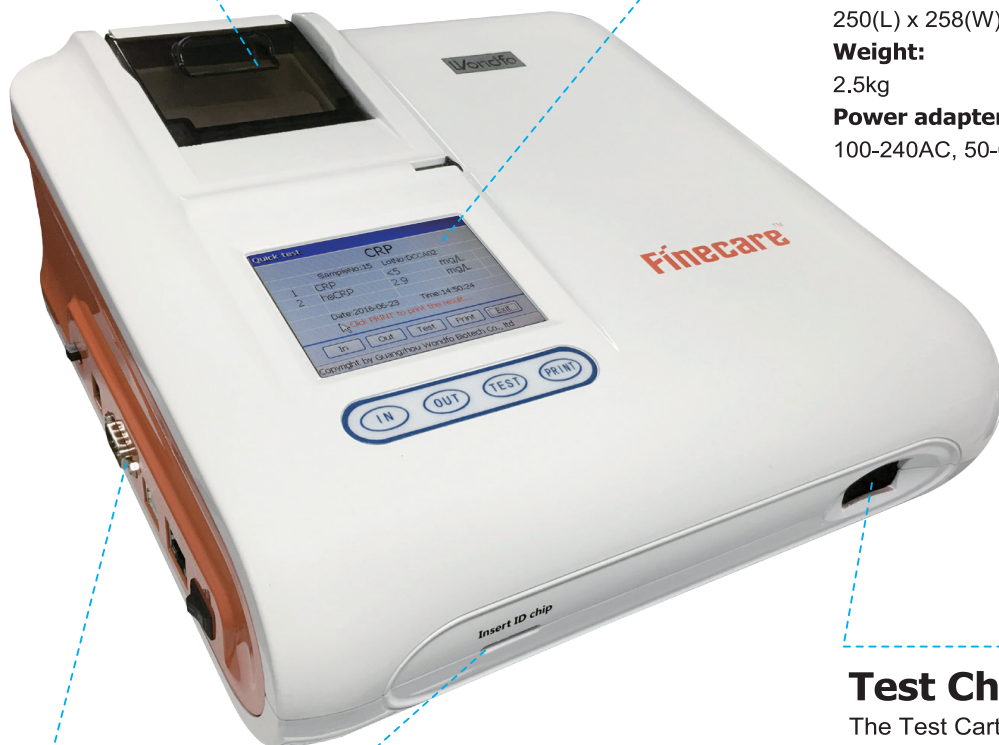
250(L) x 258(W) x 104(H)mm

Weight:

2.5kg

Power adapter:

100-240AC, 50-60Hz



LIS Connection

Direct connection to LIS / HIS

ID Chip Port

The ID chip contains all information of test item and lot number

Test Channel

The Test Cartridge Holder

Product Class	Test Item	Diseases	Specimen Type	Reaction Time	Measuring Range	Clinical Reference	Qualification
Infection	PCT	Sepsis	WB/Serum/Plasma	15 min	0.1-100 ng/mL	0-0.5 ng/mL	CE CFDA
	CRP (hsCRP+CRP)	Inflammation	WB/Serum/Plasma	3 min	0.5-200 mg/L	CRP:0-10 mg/L hsCRP:0-1 mg/L	CE CFDA
	2 in 1 (CRP+PCT)	Infection & Inflammation	WB/Serum/Plasma	15 min	CRP:0.5-150 mg/L PCT:0.1-100 ng/L	CRP:<10 mg/L PCT:<0.5 ng/L	CE CFDA
	SAA	Infection & Inflammation	WB/Serum/Plasma	15 min	1.0-300 mg/L	0-10 mg/L	CE
Coagulation	D-Dimer	Thrombosis	WB/Plasma	5 min	0.1-10 mg/L	0-0.5 mg/L	CE CFDA
Cardiac	NT-proBNP	Heart Failure	WB/Serum/Plasma	15 min	18-35000 pg/mL	<75y, 0-300 pg/mL ≥75y, 0-450 pg/mL	CE CFDA
	cTn I	Myocardial Infarction	WB/Serum/Plasma	15 min	0.1-50 ng/mL	0-0.3 ng/mL	CE CFDA
	Myo	Myocardial Infarction	WB/Serum/Plasma	15 min	2.0-400 ng/mL	0-58 ng/mL	CE CFDA
	CK-MB	Myocardial Infarction	WB/Serum/Plasma	15 min	0.3-100 ng/mL	0-5 ng/mL	CE CFDA
	3 in 1 (cTn I/Myo/CK-MB)	Myocardial Infarction	WB/Serum/Plasma	15 min	Same with single items	Same with single items	CE CFDA
	BNP	Heart Failure	WB/Plasma	15 min	5-5000 pg/mL	0-100 pg/mL	CE
2 in 1 (cTn I/NT-proBNP)	Myocardial Infarction	WB/Serum/Plasma	15 min	Same with single items	Same with single items	CE	
Tumor	AFP	Liver Cancer	Serum/Plasma	15 min	5-400 ng/mL	0-20 ng/mL	CE
	PSA	Prostate Cancer	Serum/Plasma	15 min	2-100 ng/mL	0-4 ng/mL	CE
	CEA	Cancer	WB/Serum/Plasma	15 min	1-500 ng/mL	0-5 ng/mL	CE
	fPSA	Prostate Cancer	WB/Serum/Plasma	15 min	0.2-30 ng/mL	< 1 ng/mL	CE
Diabetes & Renal Injury	HbA1c	Diabetes Mellitus	WB	5 min	4.0-14.5%	4-6%	CE CDFA IFCC NGSP
	MAU	Renal Injury	Urine	3 min	5-300 mg/L	0-20 mg/L	CE CFDA
	NGAL	Renal Injury	Urine	15 min	10-1500 ng/mL	≤131.7 ng/mL	CE
	β2-MG	Proximal Renal Tubule Dysfunction	WB/Serum/Plasma	10 min	0.3-20 mg/L	1.0-2.7 mg/L	CE
Fertility	β-hCG	Fertility	WB/Serum/Plasma	15 min	2-200,000 mIU/mL	5 mIU/mL	CE CFDA
	LH	Fertility	WB/Serum/Plasma	15 min	1-100 mIU/mL	Female: 2.95-55.23 mIU/mL Male: 1.70-8.60 mIU/mL	
	FSH	Fertility	WB/Serum/Plasma	15 min	1-100 mIU/mL	Female: 4.46-130.00 mIU/mL Male: 1.50-12.40 mIU/mL	
	Prog	Fertility	WB/Serum/Plasma	15 min	1.5-60 ng/mL	Female: 7th Week of Pregnancy 24.5±7.6 ng/mL 9-12th Week of Pregnancy 38.0±13.0 ng/mL Male: 0.2-1.5 ng/mL	CE
	PRL	Fertility	WB/Serum/Plasma	15 min	1-200 ng/mL	Female: 4.60-25.07 ng/mL Male: 3.45-17.42 ng/mL	
Hormone	T3	Thyroid Malfunction	WB/Serum/Plasma	15 min	0.61-9.22 nmol/L	1.3-3.1 nmol/L	CE
	T4	Thyroid Malfunction	WB/Serum/Plasma	15 min	12.87-300 nmol/L	66-181 nmol/L	CE
	TSH	Thyroid Malfunction	WB/Serum/Plasma	15 min	0.1-100 mIU/L	0.3-4.2 mIU/L	CE
	Vitamin D	Bone Development	Plasma/Serum	30 min	5-100 ng/mL	30-100 ng/mL	

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