



Portable Analyzer

Feature

- ◆ Minimum detection limit of the instrument: full scale signal value 0.05%
- ◆ Instrument stability: 10 times measurements, TC ratio CV less than 0.5%
- ◆ Instrument signal to noise ratio: 0.01% (1:10000)
- ◆ Fluorescence detection bands: 365 / 610
- ◆ Colloid gold light wave band: 525 (nm)
- ◆ Support network connection, WIFI, GPRS
- ◆ WIFI connection: LCD screen select WIFI hotspot, enter password
- ◆ GPRS connection: configure the traffic card and automatically connect the 2G base station
- ◆ Automatic upload of detection data system
- ◆ Automatic fault alarm, remote diagnosis system
- ◆ Standard curve automatic download system



Parameter

Size (LxWxH)	220*100*75(mm)
weight	≤1kg
True color touch screen	4.3 inches, capacitive touch screen
Liquid crystal resolution	480 x 272 pixels
Rechargeable Battery	Lithium battery, 6000mAh
operating hours	Continuous inspection work for 10 hours, normal work for 2-3 days
Instrument interface	USB, WIFI, GPRS, Bluetooth
working environment	5°C-40°C Humidity 10-80%
Store results	8000
Operating mode	Single machine, wifi connection PC software
Project identification	Intelligently identify 1200 items and batches
Number of detection channels	Single channel
Single channel test line number	Maximum support 4 lines
Quality control calibration	Internal quality control calibration

Quantitative Test

Test Cassette	Intended Use	Specimen	Cut-Off	Linear-Range
β-HCG	Diagnosis of Pregnancy	Urine/Whole Blood/ Serum/Plasma	25mIU/ml	10-5000mIU/ml
hsCRP-CRP	Diagnosis of Infection	Whole Blood/ Serum/Plasma	hsCRP:1.0mg/L CRP:10mg/L	0.1-200mg/L
PCT	Diagnosis of Sepsis	Whole Blood/ Serum/Plasma	0.5ng/ml	0.1-50ng/ml
BNP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	100pg/ml	50-5000pg/ml
NT-proBNP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	300pg/ml	200-20000pg/ml
MAU	Diagnosis of Renal Injury	Urine	20µg/ml	10-200µg/ml
D-Dimer	Diagnosis of DVT/PTE/DIC	Whole Blood/ Serum/Plasma	0.5µg/ml	0.1-2.0µg /ml
cTnI	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	1ng/ml	1-50ng/ml
cTnI/CK-MB/Myo	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	cTnI:1ng/ml CK-MB:5ng/ml Myo:70ng/ml	cTnI:1-50ng/ml CK-MB:5-100ng/ml Myo:25-500ng/ml
SAA	Diagnosis of Infection	Whole Blood/ Serum/Plasma	10mg/L	0.1-200mg/L
NGAL	Diagnosis of Renal Injury	Urine/Whole Blood/ Serum/Plasma	100ng/ml	10-2000ng/ml
Ferritin	Diagnosis of Anemia	Whole Blood/ Serum/Plasma	11-306.8ng/ml	4-500ng/ml
25-OH-VD	Monitoring of 25-OH-VD levels	Whole Blood/ Serum/Plasma	11.7-40ng/ml	3-70ng/ml
CysC	Diagnosis of Renal Injury	Whole Blood/ Serum/Plasma	0.50-1.03mg/L	0.2-10mg/L
SAA-CRP	Diagnosis of Infection	Whole Blood/ Serum/Plasma	CRP:10mg/L SAA:10mg/L	CRP:0.1-200mg/L SAA:0.1-200mg/L
HbA1C	Monitoring of Blood Glucose	Whole Blood	4%-6%	2%-15%
h-FABP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	5ng/ml	1-120ng/ml
PG I/II	Diagnosis of Gastric Mucosal Lesion	Whole Blood/ Serum/Plasma	PG I :15-100ng/ml PGII:0-15ng/ml	PG I :2-200ng/ml PG II :2-200ng/ml

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