

Rapid Portable POCT Analyzer

RP-3500



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Parameter

Dimensions and weight:

Dimensions	150mmX90mmX46.5mm
Weight	250g

Required Operating Conditions:

Temperature	5°C~40°C
Humidity	≤85%
Atmospheric pressure	86.0kPa~106.0kPa
Condition	1 .Avoid direct sunlight 2 .no explosion gas and dust 3 .far away from electromagnetic interference source
Sounds	≤65dB
Internal power	DC 3.7V, 3500mAh
Adapter power	DC 5V, 2.0A

Transportation and Storage:

Temperature	-20 °C ~ 55 °C
Humidity	≤93%
Atmosphenc pressure	86.0kPa1~06.0kPa

►► RP3500 rapid test Analyzer

RP3500 a real portable intelligent analyzer used for quantitative analysis of the rapid tests, quality reaches up to the excellent level compared to others. It is compatible with colloidal gold test strip only

►► Test Principle

Through optoelectronic detection technology, the analyzer can get the variation against the reaction color of test strip and specimen; calculate the concentration of the object under test according to the changed color data.

►► Feature of Analyzer

- Support the quantltative/semi-quantitative/qualitath,e detection
- Touch graphical interface, easy operation.
- Built-in Rechargeable Lithium-Polymer battery, able to use without adapter after charged.
- Small size, light weight, easy to carry, suitable for families

►► Performance Metrics

- Repeatability: variance coefficient of analyzer duplicate measurement is $CV \leq 3\%$
- Linearity: $R \geq 0.98$
- Stability: the variation of test result is not exceeding $\pm 3\%$ if detecting the same concentration of rapid test card within 8 hours.

►► Space of Application

Used for all levels of hospitals, medical clinics, disease control centers, inspection and quarantine institutions, physical examination centers and families.

►► Reagent List

Cardiovascular disease	D-Dimer
	HCY
	H-FABP
	CKMB
	cTnl
	Myo
	NT-proBNP
Infection	LP-PLA2
	CRP
	PCT
Liver Function	SAA
	ADA
	PA

Renal Function	HbA1c
	a 1 -MG
	ft 2 -MG
	RBP
	CysC
	mALB
	NGAL
	IgA
Autoimmunity	IgM
	IgG
	RF
Reheumatism	ASO
	Anti-CCP
Gastric function	PGI
	PGII

►► Regulatory compliances



►► Corporate Social Responsibility

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1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

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