

PA.120

Fully-auto Specific Protein Analyzer

Applications	Item	Sample type
Diabetes monitoring	HbA1c	whole blood
Inflammation, bacterial infection	CRP SAA	whole blood/plasma/serum whole blood/plasma/serum
Clotting monitoring	D-Dimer FDP	plasma plasma
Renal function	mALB β 2-MG RBP	urine serum/urine serum
Renal injury	CYS-C NGAL	serum/plasma plasma
Rheumatoid monitoring	ASO RF CCP	serum/plasma serum/plasma serum
Immunological disease	IgA IgM IgG C3 C4	serum/plasma
Gastric function	PGI PGII	serum
Cardiovascular disease	HS-CRP Lp-PLA2 H-FABP	whole blood/plasma/serum serum/plasma serum
Anemia/Iron metabolism	TRF	serum

More parameters are available and unable to list all here, please contact manufacturer for more details.



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Genrui

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PA.120

Fully-auto Specific Protein Analyzer



Genrui

A Classic You Can Rely On

Features

- Fully-auto test procedure, only 1 press to finish test
- Up to 60 tests/hour
- Principle: Nephelometry
- Low reagent and sample consumption
- Magnetic card auto-calibration
- 3-level QC, L-J graph
- Items: HbA1c, CRP, SAA, RF, ASO, CYS-C, D-Dimer, FDP, mALB, β 2-MG, CCP, RBP, NGAL, TRF, PGI, PGII, HS-CRP, Lp-PLA2, H-FABP, IgA, IgG, IgM, C3, C4, etc
- 10.1-inch touch screen
- 24-hour non-stop cooling system



PA 120 is Genrui latest automated specific protein analyzer, since we are so experienced at specific protein analyzer with semi-auto PA 54 and PA 50 under NGSP certified, in order to satisfy more customer needs, we are so dedicated to work on the automated specific analyzer and it finally comes to the market and it is proved to be successful in the domestic market.

Effortless operation

10.1-inch touch screen with intuitive navigation
Only one click to finish the test automatically

Cost effective

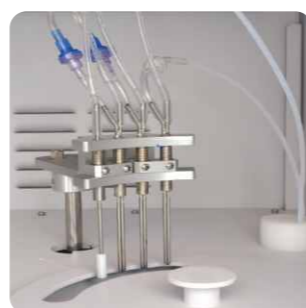
Only 5-15 ul sample for analysis
Economic plastic cuvette, reusable
Magnetic card calibration, save your reagent



Reliable Hardware



PROBE



WASH STATION



REACTION DISK



REAGENT DISK

Reaction system

Solid heating, rapid and stable, free-maintenance
Temperature: $37 \pm 0.1^\circ\text{C}$
32 economic plastic reusable cuvettes

Reagent system

10 reagent positions
Special reagent bottle to avoid reagent waste
24-hour non-stop on-board cooling
Peltier cooling: $2-8^\circ\text{C}$ to assure reagent stability

Optical system

Long life laser diode
Completely-sealed system, free maintenance

Input/Output

Internal thermal printer, auto and manual print
Support external printer, LIS
Interface: RS 232, USB port

Wash station

4 step wash, each cuvette will be washed 9 times
White block to remove bubble
Cleaning solution to avoid carry-over
Water consumption: $< 2.5\text{L}/\text{hour}$

Probe assembly

Liquid level detection
Auto-depth adjustment
Anti-collision design
Interior and exterior high pressure auto-cleaning
Sample volume: 5-15ul
Reagent volume: 30-350ul
Aspiration precision: 0.1ul/ step, $\text{CV} \leq 0.2\%$

Others

Net weight: 60 Kg
Dimension: 620 mm \times 520mm \times 620mm
Voltage: AC100~240V, 50/60 Hz
Power: $\leq 200\text{VA}$
Work temperature: $10-30^\circ\text{C}$
Air pressure: 70.0 kPa~106.0kPa

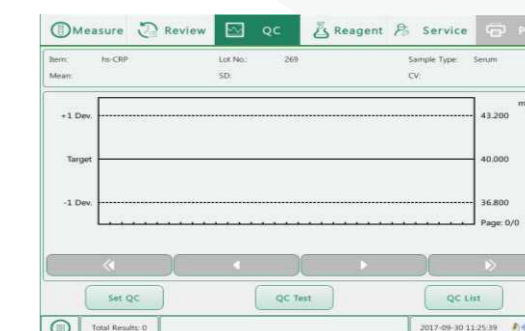
Powerful Software

ID	Item	Result	Reference	Unit	Ref Range	Test Time
25	hs-CRP	26.080	842	mg/L	0.500 - 10.000	11.20119
25	hs-CRP	10.000	840	mg/L	0.500 - 10.000	11.19119
24	hs-CRP	25.1141	842	mg/L	0.500 - 10.000	11.18119
23	hs-CRP	10.000	829	mg/L	0.500 - 10.000	11.17119
22	hs-CRP	10.000	846	mg/L	0.500 - 10.000	11.16119
21	hs-CRP	10.000	825	mg/L	0.500 - 10.000	11.15119
20	hs-CRP	22.0781	859	mg/L	0.500 - 10.000	11.14119
9	hs-CRP	6.200	841	mg/L	0.500 - 10.000	11.13119
8	hs-CRP	20.6121	806	mg/L	0.500 - 10.000	11.12119
7	hs-CRP	0.500	855	mg/L	0.500 - 10.000	11.11119

Item	Panel	Calculation Item
hs-CRP	HS-CRP	CCP
ASO	RF	HbA1c
mAlb	D-Dimer	Cys-C
FDP	SAA	saa(pre)

Sample Type:
 Blood Serum Plasma Urine

OK Return



Reset	Drain All	Clean Probe	Probe Maintenance
Cuvette Maintenance	Clean Cuvette	Cuvette Detection	Water Prime/Drain
Rince Prime/Drain	Machine Prime/Drain	Workload Statistics	

Multi-sample types

Blood, Plasma, Serum, Urine

Complete diagnostic solutions

Self-developed reagents and QC
Support more than 25 items
Powerful expanding function with USB

Powerful data management

100,000 results storage
Workload statistics

Calibration and QC

Magnetic card auto-calibration, save user cost
3-level QC, L-J graph

Smart testing

Multi results with only one sampling
Support to request batch of samples
Display left times in real time
Intelligent alarm information and solutions

Easy maintenance

Easy routine maintenance
One-click operation
Dirty cuvettes detection
Specific probe cleaning solution