

PA.120
Fully-auto Specific Protein Analyzer



PA120
Specific Protein Analyzer



Item	Sample type	Measurement range	Applications
HbA1c	whole blood	2~15%	Diabetes monitoring
CRP	whole blood/plasma/serum	3~300mg/L	Inflammation
D-Dimer	plasma	0~20mg/L	Clotting monitoring
mALB	urine	10~200mg/L	Renal function
CYS-C	serum/plasma	0~8mg/L	Renal injury
ASO	serum/plasma	20~800IU/mL	Rheumatism monitoring
RF	serum/plasma	3~160IU/mL	Rheumatism monitoring
CCP	serum	5~100U/mL	Rheumatism monitoring

PA 120

Fully-auto Specific Protein Analyzer

Features

- Fully-auto test procedure, only 1 press to finish test
- Up to 70 tests/hour
- Principle: Nephelometry
- Low reagent and sample consumption
- Magnetic card auto-calibration
- 3 levels QC, L-J graph
- Item: HbA1c, HS-CRP, RF, ASO, CYS-C, D-Dimer, mALB, CCP, 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.

Easy operation

- Fully-automated design
- Simply press the key to finish the test

Cost effective

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

Powerful data management

- 100,000 results storage
- Auto draw L-J QC graph
- Support LIS

Complete diagnostic solutions

- Self-developed reagents and QC
- More test items are under development



Probe



Reaction disk



Wash station



Reagent disk

Specifications

Wash station

- 4 step wash, each cuvette will be washed 9 times
- While block to remove bubble
- Cleaning solution to avoid carry-over
- Water consumption: <5L/hour

Probe assembly

- Liquid level detection
- Auto-depth adjustment
- Anti-collision design
- Pre-heating function to assure accurate results
- Interior and exterior high pressure auto-cleaning
- Sample volume: 5-15ul
- Reagent volume: 30-350ul
- Aspiration precision: 0.1ul/ step, CV<0.2%

Reaction system

- Solid heating, rapid and stable, free-maintenance
- Temperature: 37±0.1°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°C to assure reagent stability

Optical system

- Long life laser diode
- Completely-sealed system, free maintenance

Calibration and QC

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

Storage

- 100,000 results storage

Input/Output

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

Others

- Net weight: 60 Kg
- Dimension: 620 mm×520mm×620mm
- Voltage: AC 100~240V, 50/60 Hz
- Power: ≤200VA
- Work temperature: 10-30°C
- Air pressure: 70.0 kPa~106.0kPa