

Accurate data



LCD touch screen



Patented Technology



Low blood consumption

# HY 5200

## Fully Auto 5-Part Hematology Analyzer



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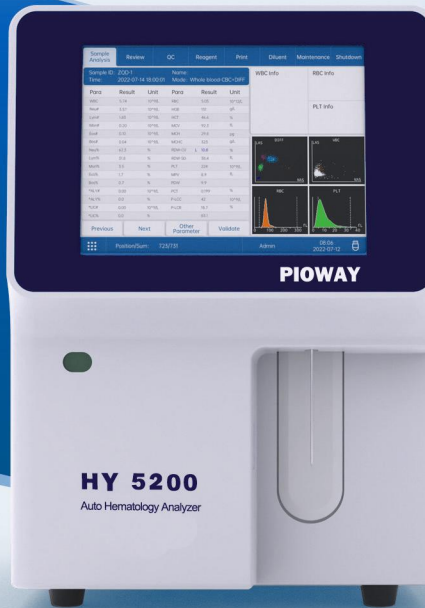
### Accurate data

Advanced sweeping technology to ensure the accuracy of PLT



### LCD touch screen

High-definition color display, sensitive touch, support the operation of rubber gloves



### Patented Technology

SMART-FLOW liquid circuit invention patent technology



### Low blood consumption

CBC+DIFF mode:  $\leq 20 \mu\text{l}$

### Measurement technology

- Semiconductor Laser Scattering Technology
- Flow cytometric techniques
- Three-dimensional scatter plot analysis technology
- Electrical impedance measurement technology
- Cyanide-free HGB measurement technology

### Measurement speed/volume of blood used

60 samples/hour

CBC+DIFF mode:  $\leq 20 \mu\text{l}$

### Measurement items

- Reported parameters (25 items): WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#
- Study parameters (4 items): ALY%, ALY#, LIC%, LIC#
- Two scatter plots, one 3D scatter plot (as needed) call up 2 2D plots, one WBC/BASO scatter plot, the 2 histograms (RBC histogram, PLT histogram)

### Storage Capacity

Storage of 100,000+ copies (including histograms, scatter plots, patient information)

### Usage environment

- Wide range input: a.c. 100-240V, 50/60Hz
- Temperature: 10-30°C • Humidity: 20-85%
- Atmospheric pressure: 70-106KPa
- Altitude:  $\leq 2000\text{m}$

### Mode

- CBC+DIFF mode
- Intravenous whole blood mode, pre-diluted peripheral blood mode, and Anticoagulated peripheral whole blood mode

### LCD touch screen

- 10.4-inch
- Resolution 1366\*768

### Extended Interface

- 1 network port, 4 U
- Two-way LIS system supports HL7 protocol
- External USB printer or WIFI connection (optional)
- Built-in RFID reader scanning (optional)

### Size / Weight

- W350\*H450\*D430(mm)
- About 28kg