

Principles

WBC: Semiconductor Laser Flow Cytometry Method
RBC/PLT: Electrical Impedance Method
HGB: Colorimetric method

Throughput

60 samples per hour

Sample Consumption

Venous/ Capillary/ Pre-diluted mode $\leq 20\mu\text{L}$

Test Mode

CBC+DIFF, CBC

Calibration

Auto calibration, Manual calibration

QC Mode

L-J, X-B

Parameters

WBC, Neu#, Lym#, Mon#, Eos#, Bas#,
Neu%, Lym%, Mon%, Eos%, Bas%, RBC,
HGB, HCT, MCV, MCH, MCHC, RDW-SD,
RDW-CV, PLT, MPV, PDW, PCT



Display

10.4" touch screen display

Working Environment

Temperature: 10-30°C, Humidity $\leq 70\%$

Dimension

364mm*498mm*431mm

Weight

26.5KG

Storage

50,000 sample results inclusive scatter diagrams and histograms

Linearity

WBC: $1.0-99.9 \times 10^9/\text{L}$
RBC: $0.3-7.0 \times 10^{12}/\text{L}$
PLT: $20-999 \times 10^9/\text{L}$
HGB: 20-240g/L



PROKAN

PE-7100
5-Diff

Fully Auto Hematology Analyzer

PROKAN

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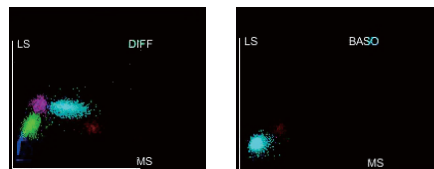
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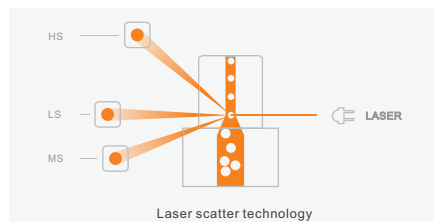
Stable and efficient

- 60 samples per hour, one-button automatic analysis and print, support multiple report formats.
- Micro sample technology: $CBC \leq 11 \mu L$
 $CBC+DIFF \leq 15 \mu L$
- 30 parameters, 4 scatter diagrams and 3 histograms (4 parameters for research)



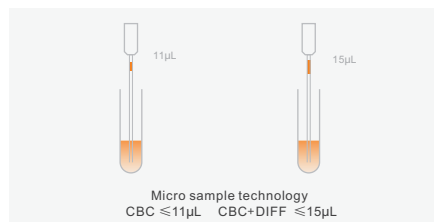
Sensitive and reliable

- Highly integrated electrical & fluidic system and particular modular design to enhance performance.
- Sensitive liquid position detection technology, easy reagent management system.
- Independent operating system, support LIS and two-way transmission.



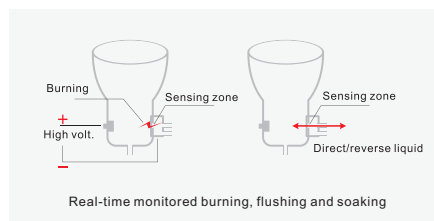
Automated & User-friendly interface

- 10.4" touch screen display, use friendly operating system, built-in soft keyboard, easy to use.
- Support external barcode scanner and USB keyboard&mouse.
- Reagent built-in with constant temperature management.
- User permission management to avoid misoperation.



Intelligent and safe

- Anti-clog: high voltage burning, flushing, soaking.
- Alarm: Abnormal sample alarm, reagent abnormal alarm, instrument failure alarm.
- One-button troubleshooting
- Auto maintenance system, customized maintenance period



PROKAN PE-7100

PE-7100 is 5-diff fully auto hematology analyzer with advantaged digital technology, laser scatter technology, flow cytometry technology, intelligent anti-clog technology to ensure precise of the test results.

10.4" touch screen display and user-friendly operating system will make your daily use comfortable.



Abnormal sample alarm

Reagent abnormal alarm

Instrument failure alarm



User permission management

User-friendly system



Colour touch screen display

Build-in soft keyboard

Support USB keyboard&mouse

