

**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 modes  $\leq 20\mu\text{l}$

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



**Global Medical Engineering (BD) Ltd.**  
 Corporate Office: 17/2, Topkhana Road (2nd Floor), Dhaka - 1000, Bangladesh.  
 Phone: +88 09678020555 Fax: +88 02 9576881 Cell: +8801404003500  
 Email: info@gmebd.com; gmebd@hotmail.com Website: www.gmebd.com

**PROKAN**  
 SHENZHEN PROKAN ELECTRONICS INC.  
 www.prokanmed.com

**Registered address:** No. 1002, Building 4, Fantasia MIC Plaza, Pengji Pioneering Park, the west of Nanshai Road, Nanshan District, Shenzhen, China  
**Production address:** The 2nd Floor, Yande Tech-park, Fenghuanggang, Xixiang, Bao'an District, Shenzhen, China

Tel: +86-755-26955166 Email: sales1@procanmed.com / sales2@procanmed.com

ENG-7100-V1.0-20180225



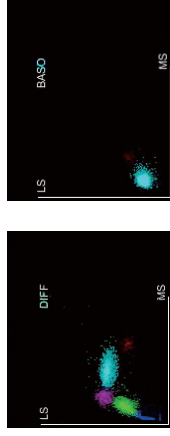
**PROKAN**

**PE-7100**  
 5-Diff

Fully Auto Hematology Analyzer

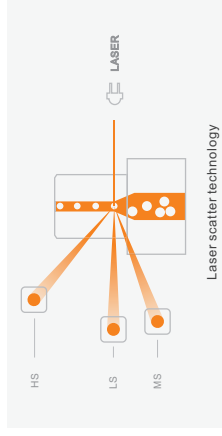
### Stable and efficient

- 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)



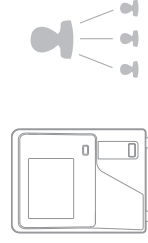
### Sensitive and reliable

- 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.



User permission management  
User-friendly system

### Intelligent and safe

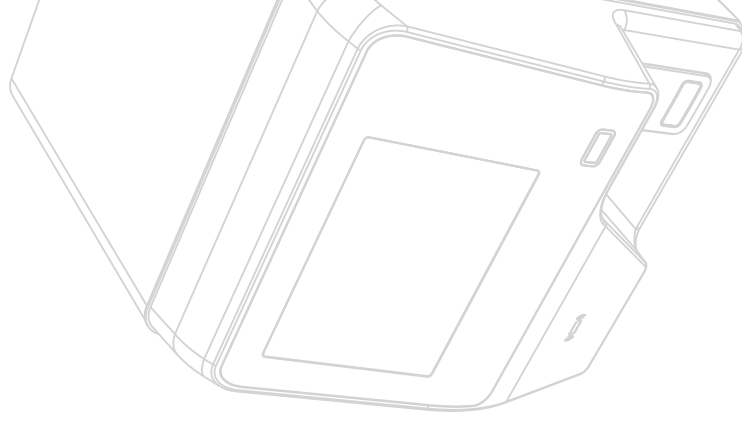
- Anti-clog: high voltage burning, flushing, soaking.
- Alarm: Abnormal sample alarm, reagent abnormal alarm, instrument failure alarm.
- One-button troubleshooting
- Auto maintenance system, customized maintenance period



Colour touch screen display  
Built-in soft keyboard  
Support USB keyboard&mouse

### 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



5-Diff



Data Transmission



Constant Temperature Reagent



Multiple Report Formats



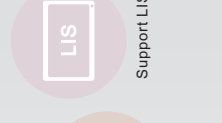
Bottom Resistance



External Barcode Scanner



Modular Design



Support LIS



One Button Analysis



Independent Operating System



Abnormal Alarm



Intelligent Maintenance



Liquid Detection



Great Data Storage



USB Port