

# Automated Hematology Analyzer

## PE-6800

### Technical Specification:

Parameters	– 3- part differentiation of WBC; 20 parameters and 3 color histograms (WBC, RBC, PLT)		
Principle	– Electrical impedance method for counting, SFT method for hemoglobin		
Sample Volume	– Venous mode:	9.6 µl venous	
	– Capillary mode:	9.6 µl capillary	
	– Prediluted mode:	20 µl capillary	
Through put	– 30T/hour		
Operation mode	– Color Windows interface, figure button, mouse input		
Aperture size	– WBC/RBC: 80 µm		
Storage	– Up to 12000 sample result including histograms can be stored		
QC mode	– L-J, X, SD, CV		
Calibration mode	– 3 manual calibration and auto calibration		
Cross pollution ratio	– WBC, RBC, HGB <0.5% PLT <1%		
Specification	CV	Linearity range	
	WBC	< 2.5% (7.0-15.0)	0.01-99.9x10 <sup>3</sup> /L
	RBC	< 2.0% (3.50-6.00)	0.01-9.99x10 <sup>6</sup> /L
	HGB	< 1.50% (110-180)	1-300 g/L
	MCV	< 0.4% (80.0-110.0)	40-150 fL
	PLT	< 5.0% (200-500)	1-999xx10 <sup>3</sup> /µl
Display	– Large color 8.2" LCD display resolution: 640 x 480 dot		
Socket	– Electric input-1, Printer-1, VGA-1, RS 232-2, USB-2, PS/2-2.		
Structure	– Fan-door structure, flexible and easy to use		
Ambient Operating	– Temperature 0°C - 40°C Humidity: 10% - 90%		
Power supply	– AC 10 - 240V-50/60HZ		
Dimensions	– 325mm x 380mm x 430mm		
Weight	– 23 kg		

# Automated Hematology Analyzer

## PE-6800



*“ANALYZE ONCE,  
ANALYZE CORRECTLY”*



Mkt. by:  
**ASPEN DIAGNOSTICS (P) LTD.**  
**Rapid Diagnostic Group of Companies**  
 (ISO 9001 : 2008 CERTIFIED COMPANY)  
 B-82, G. T. Karnal Road Industrial Area, Delhi-33  
 Ph.: 91-11-27113030, Fax: 91-11-27413437  
 visit: www.rapiddiagnostic.in

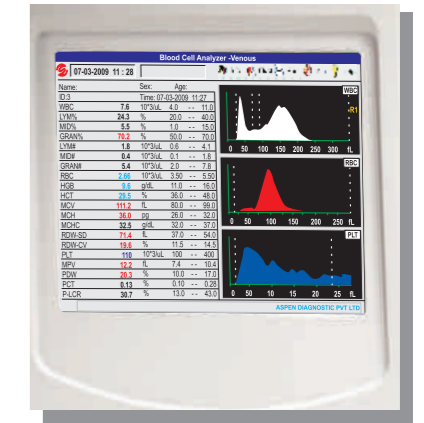


**Aspen Diagnostics Pvt. Ltd.**



# Automated Hematology Analyzer PE-6800

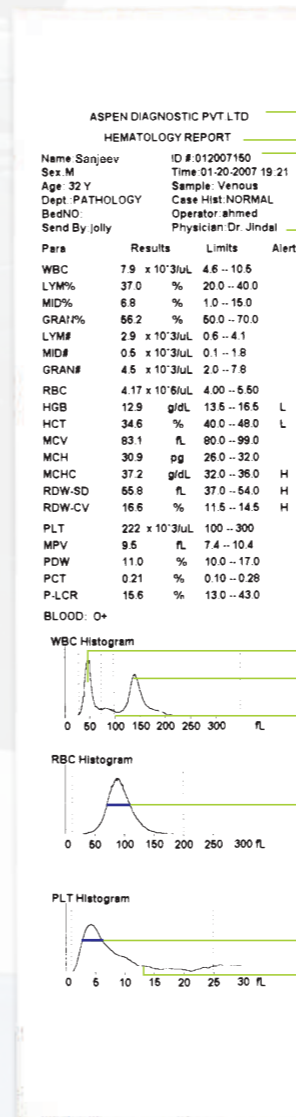
- User friendly software, fulfills all the requirements for reliable and accurate results
- Flagging alerts the operator for abnormal samples & instrument malfunctioning



## Unique Features

- ◆ Principle: Electrical impedance for counting, SFT method for hemoglobin
- ◆ 23 parameters (including 3 histogram). WBC, RBC, HGB, PLT, LYM%, MID%, GRAN%, LYM#, MID#, GRAN#, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, MPV, PDW, PCT, P-LCR
- ◆ Color Windows operating system, graphical buttons, supporting mouse operation
- ◆ Up to 12000 sample results including histograms can be stored
- ◆ Independent manual calibration and auto calibration in three detecting modes
- ◆ Large color 8.2" LCD display, resolution:640\*480 dot3
- ◆ Safe automated probe wiping - internally & externally
- ◆ Low reagent consumption
- ◆ Liquid level sensor

## Printed Report



- A** Editable Header
- B** Patient Information
- C** LYM
- D** MID
- E** GRAN
- F** RDW-SD and RDW-CV
- G** PDW
- H** P-LCR

- Automated probe wiping
- Predilution mode for pediatric samples