

Complete Hematology

< RBC • WBC • Hgb • HCT •

PC-604 is complete hematology system and high performance and built-in micro computer and has multi functions for easy operation.



PC-604

RBC WBC Hgb HCT

PC-604 + DRP-60

RBC WBC Hgb HCT MCV MCH MCHC

HEMATOLOGY

NAME	
AGE	(M+F)
DATE	85-01-15
SER. NO	0001
WBC	9.4 $\times 10^3/\text{mm}^3$
RBC	4.20 $\times 10^6/\text{mm}^3$
HGB	13.4 g/dl
HCT	37.8 %
MCV	90 μm^3
MCH	31.9 pg
MCHC	35.4 %

FEATURES

SELF-CHECK and RECOVERY FUNCTION

If any of the self-check indicators start flashing, take the necessary connective action as explained in sections.

AUTOMATIC CLEANING SYSTEM

Cleaning in the liquid-circuit automatically, after switch-off.

COMPACT SPACE

Enough a small space due to built-in Dilutor

TWO WAVE-LENGTH METHOD for Hgb

Enable to get correct data without the effect of the particles, due to use Two Wave-length.

• MCV • MCH • MCHC >

SPECIFICATION

Measuring method

RBC & WBC : Electric resistance method
Hemoglobin : Cyanmethemoglobin method in a colorimeter cell
HCT : Blood cell pulse height detecting method
MCV, MCH & MCHC : Calculation

Dilution ratio

RBC & HCT : 1 : 50,000
WBC & Hgb : 1 : 500

Reproducibility

RBC : CV 1 % WBC : CV 1.5 % Hgb : CV 1 % HCT : CV 1 %
MCV : CV 1 % MCH : CV 1 % MCHC : CV 1 %

Sample blood : 0.02 ml (whole blood)
Measuring time : about 10 second
Orifice : 100 μ
Size : 450 \times 280 \times 340(H)mm
Weight : 20 kg (body only)

STANDARD ACCESSORIES

Disposable beaker 500 pcs	1 box	Fuse 1 A & 2 A	1 ea
Beaker container	1	Halogen lamp	1
Beaker stand for 40 pcs	1	Vinyl cover	1
Wiping paper (fiberless)	1 box	Instruction manual	1
Hemolysis reagent (Hemolyser)	1 box	Total Weight	13 kg
Cleaning brush	1		
Diluent solution	5 liter		
Cleaning solution M-6	1 liter		
Waste liquid bottle set	1		
Water supply bottle set	1		
Blood Collecting bottle 50 pcs	1		
Dilutor pipette	1		