

DW-TEK5000P Automatic Hematology Analyzer

Features

- 3-part differentiation of WBC
- Double Chambers for WBC and RBC/PLT
- Throughout: 60 samples per hour
- Intelligent reagent management function: Reagent information and residual display
- Strong data management system
- Multilingual for option
- LCD with high resolution
- Bar code scanner (optional)
- Reagent alarm system (optional)

Technical Specifications

21Parameter + 3Histogram

WBC, LYM#, MID#, GRA#, LY%, MTD%, GR%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC and Histogram for WBC, RBC, PLT

Method:

Coulter Principle (Electrical impedance)
Colorimetry hemoglobin determination

Performance

Parameter	Linearity range	Precision (CV%)
WBC (10 ⁹ L)	0.0-100.0	2.0(at 7.0)
RBC (10 ¹² /L)	0.00-9.99	1.5(at 5.00)
HGB (g/L)	0-300	1.0 (at 140)
PLT(10 ⁹ L)	0-1000	4.5(at 250)

Throughout 60 samples per hour

Menu Review, Test, Maintenance, QC, Setup, Shutdown, Prime reagents, System diagnosis, Aperture rinse, Soak and Rinse, Calibration, instrument config

Display 8" color touch screen display

Sample volume

Predilute: 20μL
Whole blood: 10μL

Aperture Diameter

WBC 80μM
RBC/PLT 70μM



Parameter	Linearity range	Precision (CV%)
WBC (10 ⁹ L)	0.0-100.0	2.0(4.0-10.0)
RBC (10 ¹² /L)	0.00-9.99	1.5(3.50-5.50)
HGB (g/L)	0-300	1.0 (110-160)
PLT(10 ⁹ L)	0-1000	4.5(100-300)

Carryover WBC≤1.5%,RBC,HGB<1.0%, PLT≤2%

Input / Output

1 RS232, 1 keyboard , Mouse; 4 USB, LAN

Printout Built-in thermal printer

Operating Environment

Temperature: 10-35°C
Humidity: ≤90%

Power Requirement AC 100-240V 50/60Hz

Dimension

Instrument:440mm(H) x 350mm(W) x 440mm(D) Net:17kg
Package: 570mm(H) x 520mm(W) x 600mm(D) Gross:21.8kg