

iCount3⁺



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- 3-part differentiation of WBC, 20 parameters and 3 colour histograms
- Volume measurement by time
- Advanced valve technology, long life
- RS232 interface, PC connectivity
- Double channel counter



FEATURES :

- 3-part differentiation of WBC, up to 60 samples per hour
- Electrical resistance for counting and SFT method for Hemoglobin
- Low sample consumption: Whole Blood 9.8uL, prediluted 20uL
- 8.4" colour TFT screen
- Windows interface, all testing parameters displayed simultaneously
- Mouse and keyboard operation
- Automatic dilution, mixing, rinsing and clog clearing
- Automatic sample probe cleaning (inside and outside)
- Large storage capacity : up to 10,000 samples plus 3 histograms
- Internal thermal printer or optional external printer
- RS232 interface & PC connectivity

MAIN TECHNICAL SPECIFICATIONS :

- **Methodology** : Electrical resistance for counting WBC, RBC and PLT and SFT method for hemoglobin
- **Parameter** : 3-part differentiation of WBC; 20 parameters and 3 colour Histograms (WBC, RBC, PLT)
- **Work mode** : Double channel + unique Hemoglobin test system
- **Sample volume** : 9.8 uL for venous and capillary whole blood mode, 20 uL for prediluted mode
- **Throughput** : 60 samples per hour, operatable 24 hours a day, auto sleep and wake up functions
- **Storage** : up to 10,000 samples result including histograms can be stored.
- **Operating language** : English
- **Quality Control** : X-B, L-J, X, SD, CV %
- **Reference value setting**: Male, Female, Children, Neonate
- **Input / Output** : RS232, parallel printer and keyboard
- **Print** : Graphic thermal printer with various printing formats, optional external printer
- **Temperature** : 18°C - 30°C,
- **Humidity** : 10 - 90%
- **Power supply** : 220 V + 22 VAC, 50 + 1Hz
- **Dimension** : 33 Cm (L) * 38 cm (W) * 43 CM (H)
- **Weight** : 20 KG

PRECISION :

Parameters	Linear range	CV %
WBC (10 ⁹ /L)	0.0 - 99.9	< 2 %
RBC (10 ¹² /L)	0.0 - 9.99	< 1.5 %
MCV (fL)	4 - 150	< 0.5 %
PLT (10 ⁹ /L)	0.999	< 4.0 %
HGB (g/L)	0.0 - 300.0	< 1.5 %

PARAMETERS :

WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, L-PCR

3-HISTOGRAMS :

WBC, RBC and PLT



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