

iCount3^{TS}

Hematology Analyzer

Accurate & Reliable Results

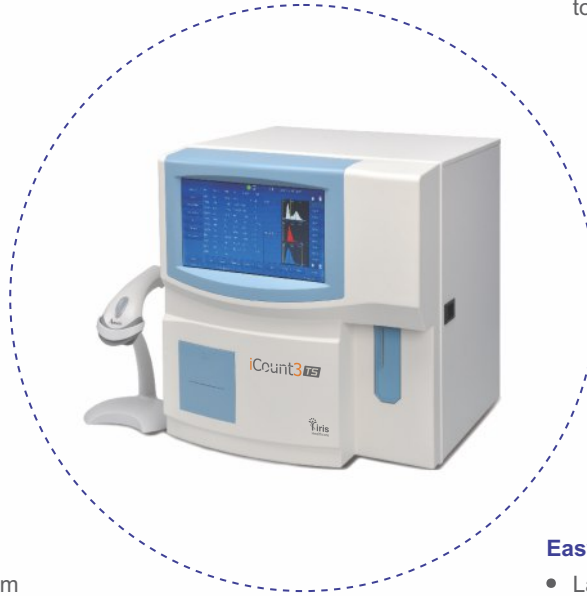
- 21 parameters and RBC, WBC, PLT histograms
- Utilize digital filtering, blood cell - overlap calibration, fitting curve, floating threshold technology etc. to enhance the accuracy and reliability of results
- High quality syringe pump with high quantitative precision

Perfect QC Function

- L-J, \bar{X} , X-B
3 levels of controls for daily QC with Levey-Jennings charts

Easy Maintenance

- Zap and backflush cleaning system to prevent apertures blocking
- Special boot program to rinse pipelines and probe automatically
- Only 3 reagents involving test



Large Storage

- 10,000 results with 3 histograms to satisfy customers' requirements

User Friendly Design

- Cyanide-free hemolytic reagent for HGB detection, safety and environment pollution free
- Electric hydraulic separation structure design
- Automatic reagents remaining detection
- USB and RS232 interfaces, easy for backup
- Multiple languages
- LIS connection

Easy Operation

- Large color LCD with high resolution.
- Automatic sampling, mixing and analyzing
- Equipped with barcode reader
- Abundant prompt information
- Abnormal value flag and reference ranges modified as the local requirements
- Automatic dormancy setting

Technical Specification

Parameters: WBC, RBC, HGB, MCV, MCH, MCHC, HCT, PLT, NEUT#, MXD#, LYM#, NEUT%,MXD%,LYM%, R DW-CV, ROW-SO, POW, MPV,PCT, P-LCR, P-LCC	Reagent: Detergent, Diluents, BCC-3600 Lyse
Histogram: WBC, RBC, PLT	Multiply QC methods: L-J, \bar{X} :12QC files,30 results/file. X-B:1file, 150 results/file
Principles: WBC, RBC, PLT: electrical impedance HGB: Cyanide-free colorimetry	Calibration: Manual calibration, automatic calibration, fresh blood calibration
Cross Contamination: WBC, RBC, HGB<0.5%, PLT<1%	Counting Mode: Whole blood and pre-diluted blood
Aperture Diameter: WBC 100 μ m, RBC/PLT 70 μ m	Input/ Output: Build in thermal printer,RS232,USB
Sample Consumption: Whole blood 6 μ L, Pre-diluted blood 20 μ L	Environment Requirement: Ambient temperature 18°C-30°C, Relative humidity: \leq 75%
Throughput: 60 samples/hour	Power Supply: 100-240 VAC 50/60HZ
Display: 10.1 inch touch screen, Resolution: 1024 X 600	Dimension (mm): 430(L) X 395(W) X 432(H) Weight: 25 Kg



Certified to
ISO 9001:2008 and ISO 13485:2003



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