CounCell™ 23 Excel

3-Diff Auto Hematology Analyser

TECHNICAL SPECIFICATIONS

Principle	Electrical impedance method for WBC/RBC/PLT. Cyanide Free Colorimetric method for HGB.
Reportable Parameters	24 Parameters Consisting: WBC, LYM#, LYM%, MID#, MID%, GRAN#, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW-SD, PDW-CV, P-LCC, P-LCR, NLR & PLR. 3 Histograms for WBC, RBC & PLT.
Throughput	60 Samples per hour.
Reagent	2 Routine reagents: Diluent & Lyse.
Sample Volume	9µL
Data Storage Capacity	Internal Memory can store 600,000 test values with parameters, Histograms and Patient information.
Quality Control	2 QC Method; L-J and X-B QC with appropriate QC charts.
Calibration	3 Types of Calibration, Manual Calibration, Auto Calibration with calibrators and Auto Calibration using fresh sample.
Power Requirement	100v-240 VAC ; 50/60Hz.
Operating Environment	Temperature: 10˚C – 30˚C, Relative Humidity: 30% - 85%, Atmospheric pressure: 70kPa – 106kPa.
Dimension	430 mm(L) X 280mm(W) X 400mm(H)
Weight	17.5 Kg

Parameters	Linearity	Repeatability
WBC	(0.0 - 300.0) X 10^9/L	≤ 2.0%
RBC	(0.0 - 8.0) X 10^{12}/L	≤ 1.5%
HGB	(0.0 - 25) g/dL	≤ 1.5%
PLT	(0.0 - 5000.0) X 10^9/L	≤ 4.0%

9µL ultralow sample requirement



For further information contact :

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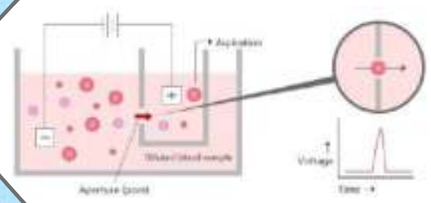


Discreetly designed for modern labs

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DEPENDABLE AND RELIABLE TECHNOLOGY:

- Electrical impedance method for WBC/ RBC/ PLT counting. Cyanide free colorimetric method for HGB estimation.
- The system uses special counting mode to give precise values in clinically important WBC and PLT values.



POWERFUL SOFTWARE:

- Easy and comprehensive maintenance and system status monitoring.
- Smart prompt and one touch error resolving capabilities.
- Real time reagent management.



RELIABLE AND ACCURATE RESULTS:

- Tri-level QC: L-J and X-B mode.
- The Multiple Calibration mode : Automatic calibration with Calibrator/ Fresh blood sample and manual calibration.
- Wider Linearity range.
- Multiple analysis mode: VWB, Capillary and PD.



CUSTOMISED USER FRIENDLY SYSTEM:

- 10.4 inch colour touch screen.
- Multiple user login as per user request.
- Built in thermal printer.
- USB and 1 network interface.

Counting continues .....