



## CounCell™-23 Plus V2 Fully Automatic Hematology Analyzer

### KEY FEATURES

- 3 Part WBC differential Cell Counter having Electrical impedance method and a cyanide free HGB calculation method.
- Reduced reagent consumption, as system uses only two reagents for counting of sample.
- For better visibility and user friendly interface the system consists of 10.4 inch TFT touch screen.
- An efficient system with minimum sample volume of 9µL.
- The throughput of the system is upto 60 samples per hour.
- Internal memory to store 50,000 test results with histograms.

### TECHNICAL SPECIFICATIONS

<b>Principle</b>	Electrical impedance method for WBC/RBC/PLT and Cyanide Free Colorimetric method for HGB.
<b>Reportable Parameters</b>	21 Parameters – WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, P-LCC, P-LCR, 3-Histograms for RBC, WBC and PLT, alarm for abnormal erythrocytes, leukocytes and platelet.
<b>Throughput</b>	60 samples/hour.
<b>Sample Volume</b>	9µL.
<b>Counting modes</b>	Venous whole blood (VWB), Capillary whole blood (CWB) and Pre-diluted (PD).
<b>Power Requirement</b>	100v-240 VAC ; 50/60Hz.
<b>Calibration</b>	Three types of calibration Manual calibration, Auto calibration with calibrators and auto calibration using fresh sample.
<b>Quality Control</b>	2 QC Method; L-J and X-B with appropriate QC charts
<b>Data Storage Capacity</b>	Internal Memory can store 50,000 test values with parameters, Histograms and patient information.
<b>Communication</b>	Four USB ports and Bi-directional LIS Connection.
<b>Operating Environment</b>	Temperature: 15°C – 30°C, Relative Humidity: 30% - 85%.
<b>Dimensions</b>	410 mm(L) X 353mm(W) X 471mm(H)
<b>Weight</b>	25Kg

### LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT WITH CAT NOS

Sr. No.	Components	Quantity	Sr. No.	Components	Quantity
1	Power Cord	1	5	Ground Wire	1
2	Waste container	1	6	Diluent Container Cap Attachment	1
3	Waste Tubing	1	7	Paper Rolls	2
4	3 Pin Top	1	8	User Manual	1