



21-Parameters
Including P-LCC, P-LCR
3- Histograms



Lower Sample Volume,
Lower Reagent
Consumption
Economical Testing



Large 10.3" Touch Screen
display with convenient
windows operating system



On display flags for abnormal
results, Continuous reagents
level detection system



Faster performance,
60 tests/hour with
dual chambers



Larger memory of saving
50000 sample results
with histograms

High-Q CC3 Ultra

3-part Differential Hematology Analyzer

- ✓ **Principle:** Electrical Impedance method for WBC/RBC/PLT, Cyanide free colorimetry for Hgb
- ✓ **Parameters:** 21 Parameters WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, HCT, MCHC, MCH, MCV, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC
- ✓ **Analysis Mode:** Whole blood, Peripheral & Prediluted
- ✓ **Sample Volume:** Whole blood 9.8 ul, Prediluted Mode 20ul
- ✓ **Counting Chambers:** Dual Chambers WBC and RBC
- ✓ **Throughput:** 60 Samples/hour
- ✓ **Data Storage Capacity:** 50,000 sample results with histograms
- ✓ **Printer Facility:** Inbuilt thermal printer 55mm paper
- ✓ **External Connectivity:** 4-USB & 1-RS232 port support external printer and LIS/HL7 system
- ✓ **Reagents:** Diluent 20L, Lyse 500ml, Probe Cleaner 100ml for maintenance
- ✓ **Maintenance:** Automatic powerful cleaning procedures from software side
- ✓ **Control & Calibration:** 3-level, LJ with manual & automatic calibration

Linearity & Accuracy

Parameter	Linearity Range	Accuracy (CV)	Range of Accuracy
WBC	0.0-300 [^] 10 ⁹ /L	≤2.0%	3.5x10 ⁹ /L~15.0x10 ⁹ /L
RBC	0.0-8.5 [^] 10 ¹² /L	≤1.5%	3.00x10 ¹² /L ~ 6.00x10 ¹² /L
HGB	0-25 g/dL	≤1.5%	10 g/dL ~ 18 g/dL
MCV	40-150 fL	≤1.0%	70 fL~120 fL
PLT	0-3000 [^] 10 ⁹ /L	≤4.0%	150x10 ⁹ /L ~ 500x10 ⁹ /L

- ✓ **Power Requirement:** Standard AC 220V +22V , 50Hz, 200VA
- ✓ **Environmental Condition:** Room temperature, 15°C -35C
- ✓ **Relative Humidity:** 10% - 90%, Atmospheric Pressure: 70 kPa- 110 kPa
- ✓ **Weight:** Net- 20 Kg
- ✓ **Dimension (L X W X H):** 270 X 500 X 390 mm



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