

touch screen



AUTOMATIC HEMATOLOGY ANALYZER

Fully Automatic Double Chamber

3-Part differential Cell Counting

20 Parameter + 3 Histograms

Throughput : 60 samples per hour

Sample Volume : 20µl

Manual & Auto Calibration

Patient results up to 1000 Samples

Built in thermal Printer

Cyanide free, eco friendly reagents

Easy to use, User friendly operating menu

CARECELL 23

AUTOMATIC HEMATOLOGY ANALYZER

CARECELL23 is state of art microprocessor controlled fast and simple 3 part differential hematology analyzer built around Single PCB technology for smooth long performance and energy conservation. Single PCB enable service to solve all Electronic problems by simply changing the PC Board thereby reducing service down time and cost.

TECHNICAL SPECIFICATION

PARAMETERS

WBC, LYM#, MON#, GRA#,
LYM%, MON%, GRA%
HGB, MCH, MCHC, RBC, MCV,
HCT, RDWSD, RDWCV
PLT, PCT, MPV, PDW, P-LCR

SAMPLE VOLUME

Whole Blood: 20µl

APERTURE DIAMETER

WBC : 100µm
RBC / PLT : 80µm

INPUT / OUTPUT

RS232
Parallel Port

MEASURING CHAMBER

Double

THROUGHPUT

60 Sample/Hour

MEMORY

1000 Results

PERFORMANCE

Performance	Precision CV%
WBC(10/L)	2.0%
RBC	1.5%
PLT	4.0%
HCT	3.0%
HGB	1.5%



DISPLAY

Large LCD Color Display
All Parameter Display with
histogram of WBC, RBC, PLT

USER INTERFACE / KEYS

Touch Screen

PRINTER

In-built Graphic Thermal Printer
External Dot-Matrix Printer (Optional)

OPERATING ENVIRONMENT

Temperature : 18-30%
Humidity : 10% - 90%

POWER CONSUMPTION

220V, 50Hz, 200VA

DIMENSION

370 X 350 X 450 (mm)

WEIGHT

20Kg

Double Chanber



Distributor



CAREWELL®

CAREWELL BIOTECH PVT. LTD.

(An ISO-9001-2000 certified company)

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Due to continuous product improvement, specification are subject to change.



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