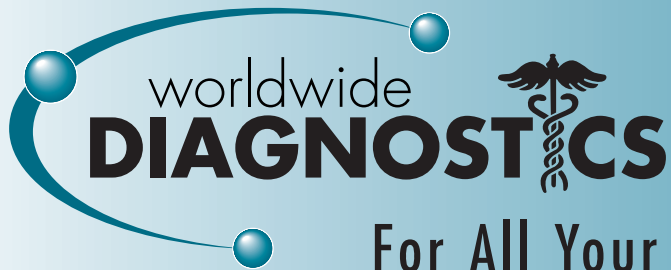


worldwide  
**DIAGNOSTICS**



For All Your Clinical Diagnostic Needs



**FULLY-AUTOMATED**

18 Parameters



**SEMI-AUTOMATED**

“The Cell Star”  
16 Parameters



**FULLY-AUTOMATED**

Open tube or closed  
tube sampling  
(cap piercing)  
18 Parameters

*Measures the most important parameters of human blood  
Combines simplicity of handling with high performance,  
reliability and latest computer technology  
Ideal for small to medium size Clinical Labs*

**CELL STAR HEMATOLOGY ANALYZERS**

# CELL STAR HEMATOLOGY ANALYZERS

## FULLY-AUTOMATED

### Determined Parameters

Measured and Calculated parameters: WBC, LYM#, MON#, GRN#, LYM%, MON%, GRN%, HGB, RBC, HCT, MCV, RDW, MCH, MCHC, PLT, MPV, PCT, PDW

### Features

- Low sample and reagent consumption
- Function keys with icons for easy handling
- Large storage capacity
- Wide range of self-test functions
- Programmable normal ranges
- Automatic sample-needle washing cycle
- Integrated QC program
- Automatic start-up and stand-by program
- Statistical program
- Built-in veterinarian software (available January 1999)

### Technical Data

- Distribution histograms: WBC, RBC, PLT,
- Sample Volumes: 25 µl (whole blood with EDTA)
- Aperture Size: 80 µm (RBC/PLT) 100 µm (WBC)
- Throughput: 60 Samples/Hour
- Accuracy: WBC: 3%, RBC: 2%, HCT: 3%, MCV: 2%, HGB: 2%, PLT: 4%
- Storage Capacity: 10,000 results including histograms
- On Board computer: PC with Intel Pentium processor or compatible
- Interfaces: RS 232 (Computer), Parallel output (external printer, 3 1/2 Floppy Disk Drive)
- Dimensions (HXWXD): 370 X 470 X 380 mm
- Net Weight: 18 Kg

## SEMI-AUTOMATED

### Determined Parameters

Measured and Calculated Parameters: RBC, HCT, MCV, RDW, PLT, PCT, MPV, PDW, WBC, HGB, LYM, GRN, LYM %, GRN %, MCH, MCHC

### Features

- Low sample and reagent consumption
- Interactive, user friendly
- 40 samples can be stored in the memory of the Cell Star
- Self-test program for quality control
- All measured parameters can be calibrated

- Built in program for trouble shooting
- Cyan free lysing reagent to protect environment

### Technical Data

- Sample: Whole Blood (anticoagulated with EDTA)
- Sample volume required: 20 µl
- Dilution ratios: RBC-PLT: 1:50,000 WBC-HGB: 1:500
- Aperture Diameter: 80 µm (RBC/PLT) 100 µm (WBC)
- Reagent Consumption: 20ml diluent (or 10 + 10 ml diluent) and 100 µl lyse
- Measurement time: under 100 Seconds
- Built in printer
- Optional hematology dilutor for fast and accurate sample preparation
- Interface: RS-232
- Dimensions: (HxWxD): 210x190x270mm

## OPEN TUBE OR CLOSED TUBE

### Determined Parameters

Measured and Calculated Parameters: RBC, HCT, MCV, RDW, PLT, PCT, MPV, PDW, WBC, HGB, LYM, GRN, LYM %, GRN %, MCH, MCHC

### Features

- Can measure open tube or closed tube sampling
- then include all the features from the following automated unit
- Measures 35 tests an hour

### Technical Data

- Distribution histograms: WBC RBC, PLT
- Sample Volumes: 25 ul (whole blood with EDTA), 50 ul (prediluted blood)
- Aperture size 80 µm
- Throughput 35 samples per hour
- Accuracy: WBC 3%, RBC: 2%, HCT: 3%, MCV: 2%, HGB: 2%, PLT: 4%
- Storage Capacity: 2000 results with histograms
- On board computer: Pentium (TM) PC or compatible
- Interfaces: RS 232 (computer), Parallel (external printer), 3 1/2 floppy disk drive
- Dimensions: 450 mm X 310 mm X 350 mm (H X W X D)
- net Weight 17 Kg
- Options: Closed tube sampling system, built in printer, bar code reader, external PC keyboard

**PLEASE CONTACT:**

## WORLDWIDE DIAGNOSTICS

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