

A **TRIVITRON** ENTERPRISE



CELLENIUM[®] **Jr 30**
count on it

CE
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3 - Part WBC differential analyzer

- ★ Compact, bench top, 30 test/hour, 22 parameter, 3 part WBC differential system.
- ★ Accurate and Precise results with Proven impedance measurement technology and advanced flagging
- ★ Clog detection and prevention with automatic system cleaning processes
- ★ Easy to use and High resolution Graphical Colour Display
- ★ Unique sample rotor to reduce risk of biohazard exposure
- ★ Self-cleaning procedures minimize daily maintenance

Technical Specifications

Measuring data

- **Throughput** - 30 tests/hour
- **Parameters** - 22 hematology parameters, including 3 - part differential: WBC, LYM, MON, GRA, LYM%, MON%, GRA%, RBC, HCT, MCV, HGB, MCH, MCHC, PLT, PCT, MPV, P-LCC, P-LCR, RDW-CV, RDW-SD, PDW-CV, PDW-SD

Measuring principle

- Volumetric impedance method
- Light absorbance for HGB measurement

Reagents and Sampling System

Samples

- **Sample Volume** - 25 µl of whole blood
- **Sample Method** - Open tube system with automatic sample rotor
- **Calibration** - automatic or manual (WBC, HGB, RBC, PLT, MCV, RDW, MPV)

Reagents

- Environmentally friendly Diluent & Cleaner reagents and cyanide-free Lyse

Quality control

- **6 QC Levels:** 2x3 levels (L,N,H) of control
- QC Parameters include mean, range, SD and CV for all measured and calculated parameters, Levey-Jennings charts of last 64 QC Measurements.

Technical features

- **Data Storage Capacity** - Maximum 10,000 results, including RBC, PLT, WBC 3-Part histograms and full patient data.
- Built-in thermal printer (B/W, 56mm wide paper)
- **Printer Interface** - USB with support for HP Printers
- External Keyboard & Mouse - via USB connection
- **Operating Environment** - Temperature: 15-30°C. Relative humidity: Max 80% (non-condensing)

Usage

- **User Interface** - Color TFT touch screen, with separate start button
- **User Languages** - English, German, French, Spanish, Italian, Portuguese
- **Software Upgrade** - USB memory stick
- Interfacing capabilities - 3 USB A on back, 1 USB A on front, 1 USB B for interfacing to PC
- **Multi-user mode** - Various privileges, limited access, unique passwords

Dimensions

- Size (Width x Depth x Height): 32,0 cm x 36,5 cm x 26,0 cm 12,6 in x 14.4 in x 10,2 in
- **Weight:** 12Kg, 26.4 lbs

Options

Barcode reader

- Optional with manual barcode scanner via USB port. It can read all common barcodes used for test requisition.

Sr. No.	Product Code	Product Name	Product Description	Pack Size
1	D1512	Dilucel D	Diluent For 3 and 5 Part WBC Analyser*	20 Liter
2	D2011HK	Lysel D	Lyse Solution for 3 part WBC Analyser	1 Liter
3	D5011	Rincel D	Rinse (Cleaner) for 3 part WBC Analyser	1 Liter
4	D8011	Probecel DC	Probe Cleaner Solution for Hematology	100 ml

*Either 3 or 5 part diff diluents can be used on the instrument



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*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.

Head Office

: # 15, IV Street, Abhiramapuram, Chennai -18. Ph : +91 44 24985050 (6 lines)
Fax : +91 44 24985757 / 24672782groupmarketing@trivitron.com

Regional Offices

: BANGALORE (+91 8022115491) | DELHI (+91 11 41354650)
KOLKATA (+91 33 24224493)|MUMBAI (+91 22 66612526 / 27 / 28)

Branch Offices

: Chandigarh, Cochin, Coimbatore, Jaipur, Nagpur, Pondicherry & Pune

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: UAE, Oman, Sri Lanka, Seychelles, Maldives, Mauritius, Bangladesh & Nepal



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www.trivitron.com

Toll Free Service Number: 1800 123 7028