



CELLENIUM[®] 380

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3 - Part WBC differential analyzer

- ★ Compact, bench top, 80 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** - 80 tests/hour
- **Parameters** - 22 hematology parameters, including 3 - part differential: WBC, LYM, MID, GRA, LYM%, MID%, 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 in normal 3-part mode, 50 µl of pre-diluted blood
- **Sample Method** - Open tube system with automatic sample rotor
- **Calibration** - automatic or manual

Reagents

- Environmentally friendly Diluent & Cleaner reagents and cyanide-free Lyse
- Clinreact ECO reagent Pack: upto 145 measurements

Quality control

- Separate QC database
- Levey-Jennings graphs

Measurement

- 2 counting chambers
- **Aperture diameter** - 70 µ (RBC/PLT) and 100 µ (WBC)
- **Clog Prevention** - high-voltage burst on aperture in each analysis cycle and high pressure back-flush
- **Cleaning procedure** - high-voltage burst of the aperture, high pressure back-flush, chemical cleaning of the apertures

Technical features

- **Data capacity** - 10,000 results, including RBC, PLT and WBC 3-part histogram
- Host Computer interface - USB B port
- **Data back-up method** - USB mass storage device
- software upgrade method via USB A port using USB mass storage device
- **Printer interface** - USB with support for HP Printers
- Built-in thermal printer module, 56mm wide roll paper, full report with histograms
- Display 320x240 dots, high-contrast, backlit,color graphics LCD (liquid crystal display) with touch screen
- External Keyboard, USB Keyboard
- **Power requirement**- 12VDC, 5A, 60W max. operating power
- **Operating temperature** - 15-30°C (59-86 °F). optimal temperature is 25°C (77 °F)

Usage

- **User interface** - easy -to-use, menu driven with touch screen, separate START button and status LED
- **User languages** - English, Indonesian, German, Italian, French, Czech, Portuguese, Polish, Spanish, Vietnamese, Russian, Greek

Dimensions

- Size (Width x Depth x Height) : 32,0 cm x 26,0 cm x 36,5 cm 12.6 in x 10.2 in x 14.4 in
- **Weight**: 12 kg, 26.4 lbs

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	Lyce 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.

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