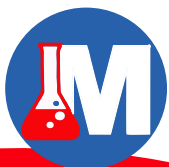
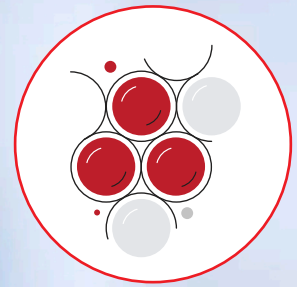


# Abacus 5

dia**tron**●●

5-PART LASER WBC  
DIFFERENTIAL ANALYZER

Made in Hungary



**Microbiology E.A. Ltd**

*...Redefining Point of Care Testing...*

P.O. Box 1530 -00200 Nairobi, Kenya  
Garden Estate, Garden Court Rd, Nairobi

+254 787 990 990 +254 762 990 990 +254 728 563 440  
Email: [info@microbiology.co.ke](mailto:info@microbiology.co.ke) Web: [www.microbiology.co.ke](http://www.microbiology.co.ke)

# ANALYZER OVERVIEW

The Abacus 5 system is a compact, bench top, 60 test/hour, 5-part laser WBC differential analyzer with a cap piercing mode for closed tube sampling

The Abacus 5 can be enhanced to meet your changing needs by adding an autosampler

and / or a small sample volume module. This system is an ideal solution for most hospitals, laboratories and satellite clinics that are looking for more advanced technology which is reliable, safe, accurate and easy to use.

## BENEFITS AND KEY FEATURES

### ACCURATE AND PRECISE RESULTS

- Proven impedance measurement technology
- Patented optical laser based WBC differential technology
- Clog detection and prevention with automatic system cleaning
- Advanced sample aspiration flagging checks

### USER FRIENDLY AND EASY TO OPERATE

- High resolution touch screen
- Recording sample and quality control information is fast and efficient
- Information can be uploaded from a USB, QR code or via a bi-directional LIS connection

### PARAMETERS

Parameters: CBC+5 DIFF mode (26 parameters) - 2 histograms: RBC, PLT; 2 scattergram: 4 diff, WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS%, BAS%, RBC, HCT, MCV, RDW (sd/cv), HGB, MCH, MCHC, PLT, PCT, MPV, PDW (sd/cv), P-LCC, P-LCR.

**Throughput:** 60 tests/hour

**Size** (Width x Depth x Height) 40 cm x 50 cm x 45 cm, 16" x 20" x 18"

**Weight** - 35 kg, 77 lbs

### OPERATOR SAFETY

- Cap piercing mode validated for EDTA Vacuum Tubes.
- Self-cleaning minimizes daily maintenance
- Reduced risk of biohazard exposure

### CONFIDENCE

- Simple warning messages and sample flags
- On-board comprehensive QC SW package
- Offers (3 levels) of user access rights / authority levels
- Automatically manages on-board reagent status and lot / expiration dates

### REAGENTS



Reagents for Abacus 5

SAP Cat. No	Cat. No.	Product name	Pack size
10023088	D1512	Diatro•Dil-5P	20 l
10023190	D3015HK	Diatro•Lyse-5P with Hardware Key	5 l
10023204	D3021	Diatro•Diff-5P	1 l
10023301	D8011	Diatro•Hypoclean CC	100 ml

# Abacus 5