HA1

Ideal for small laboratories

Key Features and Benefits

- **Accurate and Precise results**
  · Proven impedance measurement technology with advanced flagging
  · Clog detection and prevention with automatic system cleaning processes
  · Comprehensive 22 parameter results with 3 histograms

- **User friendly and easy to operate**
  · Easy to use high resolution touch screen
  · 3 USB ports and 1 USB-B port allows simple connection with external devices

- **Operator safety**
  · Unique sample rotor to reduce risk of biohazard exposure
  · Self-cleaning procedures minimize daily maintenance

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
- Sampling 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

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: 12 kg, 26.4 lbs

Options

Barcode reader

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

Technical features

- Data storage capacity - Mamimum 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