pocH-100i™ AUTOMATED HEMATOLOGY ANALYZER

Hematology Testing Made Easy
Innovative technology
- Hydrodynamic focused impedance cell counting
- Utilizes Direct Current technology
- Accurate results from proven technology
- Ideal for lab testing volumes of 5-30 CBCs per day or as a companion system for the Sysmex X-Series differential analyzers

Accurate and reliable
- Proven technology for accuracy and results
- Linearity to support clinical diagnostics and monitoring
- Sensitive flagging to support diagnosis by the physician

Compact and fully integrated
- Small footprint
- Fits easily on a laboratory bench or table
- Modular unit

Easy operation and maintenance
- Requires minimal training
- Simple menus and color, touch-screen LCD technology
- Walk away maintenance
- Auto start-up and shut-down

Safe and secure
- Closed tube patient and QC sampling
- Non-toxic, biodegradable reagent system
- Two basic reagents for complete results

Network capability
- Data transfer via LIS (TCP/IP)
- Bi-directional interface

The Sysmex pocH-100i hematology analyzer, designed for laboratories testing up to 30 samples per day, has the smallest footprint of any analyzer in the market. In addition, the instrument requires only 15µL of EDTA whole blood for reporting of 17 clinical parameters including a 3-part WBC differential. Quality processes are addressed via the pocH-100i closed tube sampling and simple reagent system. Six on board QC files support assurance of instrument performance. The intuitive push button menu simplifies the operation of this analyzer when situated in the outpatient setting, emergency room or surgical suite.

*Not for point-of-care use in a CLIA-waived laboratory.
**pocH-100i SPECIFICATIONS**

**Parameters**
- 17-parameter CBC, with 3-part Differential

**Whole Blood Mode:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM#, LYM%, MXD#, MXD%, NEUT#, NEUT%, RDW-SD, RDW-CV, MPV

**Histogram**
- WBC (3-Part Differential), RBC, PLT

**Principles and technologies**
- RBC, PLT: Hydrodynamic focusing Direct Current detection
- WBC: Direct Current detection method
- HGB: Non-cyanide method
- HCT: Cumulative pulse height detection method

**Throughput**
- 25 samples/hour (max.)
- Closed tube patient and QC sampling

**Sample volume**
- 15µL EDTA whole blood

**Linearity**
- WBC: 1.0 – 99.0 x 10³/µL
- RBC: 0.3 – 7.0 x 10⁶/µL
- HGB: 0.1 – 25 g/dL
- HCT: 10 – 60%
- PLT: 10 – 999.9 x 10³/µL

**Data storage**
- 100 samples with histograms including QC data

**Quality control**
- 6 QC files
  - EIGHTCHECK-3WP X-TRA™ tri-level
  - Quality Assurance Program
  - Levey-Jennings Control Charts or X-barM file

**Dimensions/Weight (main unit) w x h x d [in]/[lbs]**
- 7.3” x 13.8” x 18.1” / 30.8 lbs.

**Peripheral options**
- Internal Printer (standard)
- Serial Port (RS-232C)
- LAN (TCP/IP)

**Power**
- 100 – 240V (50/60 Hz); 150 VA or less

**Sample identification**
- Keypad Entry
- Handheld barcode reader

**Multi-Language Software**
- English, French, Spanish, German, Italian, Japanese

*Simple report format, CLIA compliant*