



sysmex

| BEYOND A BETTER BOX™

pocH-100i™ AUTOMATED HEMATOLOGY ANALYZER

Hematology Testing Made Easy



pocH-100i



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

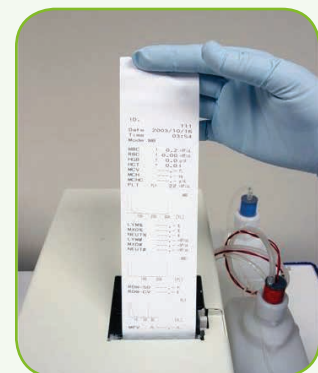
The Sysmex pocH-100i hematology analyzer, designed for laboratories testing up to 30 samples per day, has the smallest footprint of any analyzer in the market. In addition, the instrument requires only 15µL of EDTA whole blood for reporting of 17 clinical parameters including a 3-part WBC differential. 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.

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	<table border="0"> <tr> <td>RBC, PLT</td> <td>Hydrodynamic focusing Direct Current detection</td> </tr> <tr> <td>WBC</td> <td>Direct Current detection method</td> </tr> <tr> <td>HGB</td> <td>Non-cyanide method</td> </tr> <tr> <td>HCT</td> <td>Cumulative pulse height detection method</td> </tr> </table>	RBC, PLT	Hydrodynamic focusing Direct Current detection	WBC	Direct Current detection method	HGB	Non-cyanide method	HCT	Cumulative pulse height detection method		
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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	<table border="0"> <tr> <td>WBC</td> <td>1.0 – 99.0 x 10³/µL</td> </tr> <tr> <td>RBC</td> <td>0.3 – 7.0 x 10⁶/µL</td> </tr> <tr> <td>HGB</td> <td>0.1 – 25 g/dL</td> </tr> <tr> <td>HCT</td> <td>10 – 60%</td> </tr> <tr> <td>PLT</td> <td>10 – 999.9 x 10³/µL</td> </tr> </table>	WBC	1.0 – 99.0 x 10 ³ /µL	RBC	0.3 – 7.0 x 10 ⁶ /µL	HGB	0.1 – 25 g/dL	HCT	10 – 60%	PLT	10 – 999.9 x 10 ³ /µL
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PLT	10 – 999.9 x 10 ³ /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										



Push button operation



Simple report format, CLIA compliant



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