



sysmex

pocH-100i Automated Hematology Analyzer

Hematology Testing Made Easy



pocH-100i



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 15 μ L 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.

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 5-part differential analyzers

Accurate and reliable

- Proven technology for accuracy and results
- Linearity to support clinical diagnostics and monitoring
- Sensitive flagging to support diagnosis

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

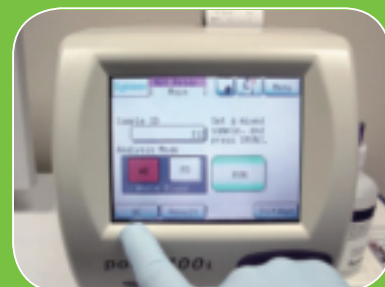
- Data transfer via LIS (TCP/IP)
- Bi-directional interface



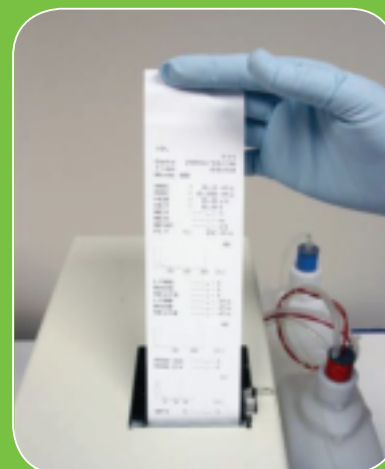
*Not for point-of-care use in a CLIA-waived laboratory.

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 & Technologies	RBC, PLT Hydrodynamic focusing Direct Current detection WBC Direct Current detection method HGB Non-cyanide method HCT Cumulative pulse height detection method
Analysis	25 samples/hour Closed tube patient and QC sampling
Sample Volume	15 µL EDTA whole blood
Linearity	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
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

Sysmex Corporation
1-5-1 Wakinohama-Kaigandori,
Chuo-ku, Kobe 651-0073, Japan
Tel. +81 (78) 265-0521
Fax +81 (78) 265-0530
www.sysmex.co.jp

Sysmex America, Inc.
One Nelson C. White Pkwy,
Mundelein, IL 60060, U.S.A.
Tel. +1 (847) 996-4500
Fax +1 (847) 996-4397
www.sysmex.com/usa

Sysmex Canada, Inc.
5045 Oribitor Drive,
Building 9, Suite 401,
Mississauga, ON L4W 4Y4, Canada
Tel. +1 (905) 366-7900
Fax +1 (905) 366-7899
www.sysmex.ca

Sysmex do Brasil Indústria e Comércio Ltda
Rua Joaquim Nabuco,
615 - Bairro Cidade Jardim
São José dos Pinhais
Paraná - Brasil - CEP 83040-210
Tel. +55 (41) 2104-1314
Fax +55 (41) 2104-1300
www.sysmex.com/br

Sysmex Europe GMBH
Bornbarch 1, 22848,
Norderstedt, Germany
Tel. +49 (40) 52726-0
Fax +49 (40) 52726-100
www.sysmex-europe.com

Sysmex Deutschland GMBH
Bornbarch 1, 22848,
Norderstedt, Germany
Tel. +49 (40) 5341020
Fax +49 (40) 5232302
www.sysmex.de

Sysmex UK, Ltd.
Sysmex House, Garamond Drive, Wymbush
Milton Keynes, Buckinghamshire, Mk8 8DF, U.K.
Tel. +44 (870) 9029270
Fax +44 (870) 9029211
www.sysmex.co.uk

Sysmex Asia Pacific PTE, Ltd.
9 Tampines Grande #06-18
Singapore 528735
Tel. +65 (6221) 3629
Fax +65 (6221) 3687
www.sysmex-ap.com

Sysmex Shanghai, Ltd.
9th Floor, Azia Center,
1233 Lujiazui Road, Shanghai, 200120 China
Tel. +21 (6886) 3300
Fax +21 (6886) 3355
www.sysmex.com.cn

