

Automated Haematology Analyser

# pocH-100i

Near patient  
haematology testing



# Haematology Testing Becomes Closer to You with Compact and Light Design, Easy Operation and Quietness

## Reliable performance in any location

The essence of Sysmex advanced technologies has been packed into a compact casing, delivering the reliable performance customers expects. With its compact and light design, easy operation and quietness, the pocH-100i can be placed anywhere you want.

## Easy operation

By simply setting a sample in the sample holder and pressing "RUN" button, the pocH-100i delivers 19 parameter test results with 3 histograms and flags. The histograms and flags will offer further insights for effective screening and patient monitoring.

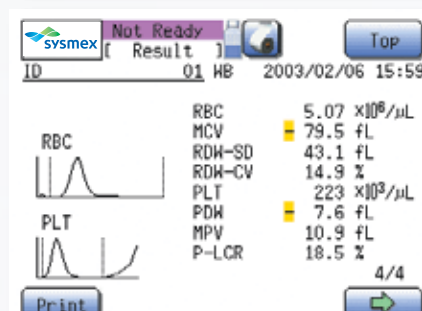
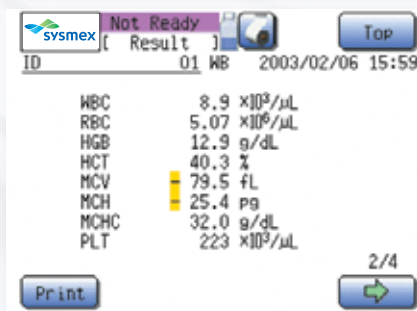
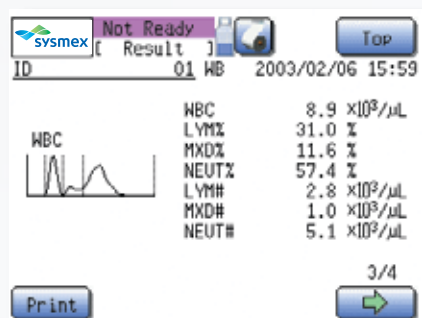
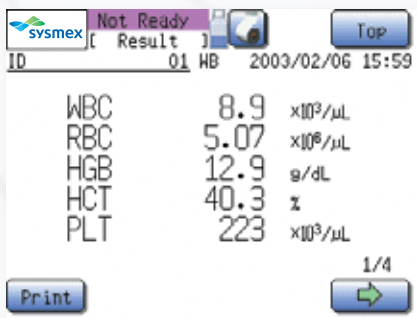


Open the cover and set the sample



Press "RUN" button

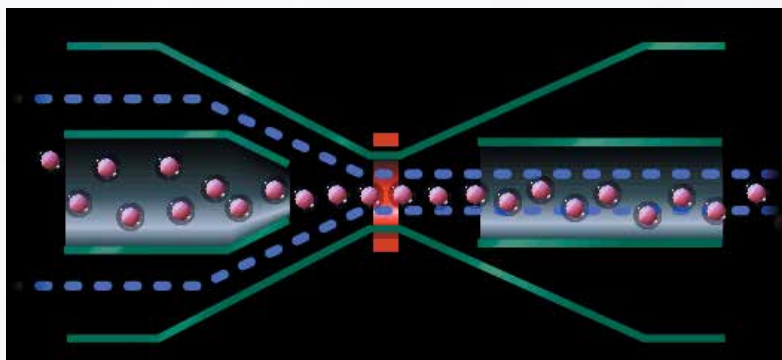
## Results from pocH-100i



### Safe & Precise results

The pocH-100i adopts the Hydrodynamic focusing DC detection method that eliminates potential errors in cell counting such as coincidence and recirculation.

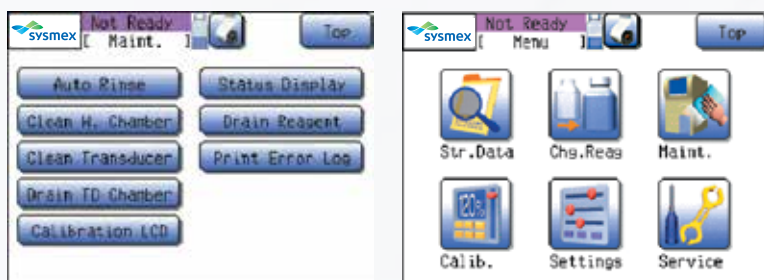
This feature provides accurate RBC and PLT, as well as Hematocrit even in high or low counts. The closed tube sampling with non-Cyanide analysis for HGB meets your needs for an environmentally friendly solution.



Hydrodynamic focusing DC detection method

### User-friendly operation

The pocH-100i employs a color touch panel with a high level of visibility. No complicated operation, just follow an illustrated icon of the color touch screen. No daily maintenance is required, only periodical maintenance is needed - performed simply by pushing a cleaning button.



### Comprehensive Quality Control System

The pocH-100i uses human blood-based control material. EIGHTCHECK-3WP (3 levels) to monitor and verify its daily performance.

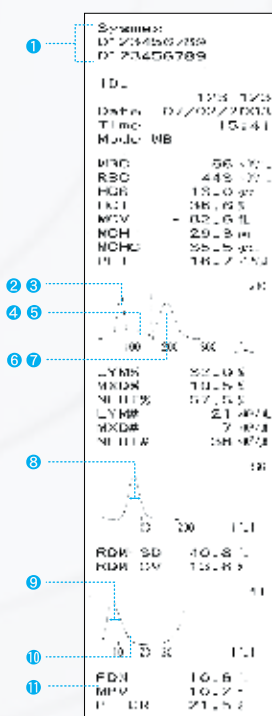
The EIGHTCHECK information, such as lot no., expiry date and assay values can be easily input by scanning the assay sheet using a barcode reader.

### Superior System Expandability

The pocH-100i has a LAN port with TCP/IP for easy integration into a computer network system.

An advanced hospital information network system for reporting and referring hematology test results can be realized with this function.

### An example of printed data



#### Analytical Parameters obtained with the pocH-100i

- 1 Header can be customized
  - 2 LYM% [W-SCR] (WBC-Small Cell Ratio)
  - 3 LYM# [W-SCC] (WBC-Small Cell Count)
  - 4 MXD% [W-MCR] (WBC-Middle Cell Ratio)
  - 5 MXD# [W-MCC] (WBC-Middle Cell Count)
  - 6 NEUT% [W-LCR] (WBC-Large Cell Ratio)
  - 7 NEUT# [W-LCC] (WBC-Large Cell Count)
  - 8 RDW-SD and RDW-CV (RBC Distribution Width SD and CV)
  - 9 PDW (PLT Distribution Width)<sup>1</sup>
  - 10 P-LCR (PLT-Large Cell Ratio)<sup>1</sup>
  - 11 MPV (Mean Platelet Volume)
- <sup>1</sup>Analytical parameters may be reportable or RUO, subject to local regulatory clearance

Feature	Description
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM#, LYM%, MXD#, MXD%, NEUT#, NEUT%, RDW-SD, RDW-CV, PDW, MPV, P-LCR
Histogram	WBC (3Diff), RBC, PLT
Detection Principles	<ul style="list-style-type: none"> <li>• WBC: Electric impedance method</li> <li>• RBC/PLT: Hydrodynamic focusing DC detection method</li> <li>• HGB: Non-Cyanide hemoglobin analysis method</li> </ul>
Analysis Time	<2.5 minutes per sample
Sample Volume	<ul style="list-style-type: none"> <li>• Approx. 15 µl for Whole Blood Mode</li> <li>• Approx. 20 µl for Pre-diluted Mode</li> </ul>
Data Storage	20 samples with histogram including QC data
Dimensions (WxHxD, mm)	185 x 350 x 460
Weight (kg)	14
Output	Internal Printer, Serial Port (RS-232C) LAN(TCP/IP)
Power Supply	100-240 V (50/60 Hz)
Power Consumption	150 VA or less

Design and specifications may be subject to change without prior notice due to further product development.

**Sysmex Asia Pacific Pte Ltd**  
Tel +65 6221-3629 Fax +65 6221-3687  
[www.sysmex-ap.com](http://www.sysmex-ap.com)

**Sysmex India Pvt Ltd**  
Tel +91 (22) 6112-6666  
[www.sysmex.co.in](http://www.sysmex.co.in)

**PT Sysmex Indonesia**  
Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699  
[www.sysmex.co.id](http://www.sysmex.co.id)

**Sysmex (Malaysia) Sdn Bhd**  
Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688  
[www.sysmex.com.my](http://www.sysmex.com.my)

**Sysmex (Thailand) Co., Ltd**  
Tel +66 (2) 032-2536 Fax +66 (2) 116-5396  
[www.sysmex.co.th](http://www.sysmex.co.th)

**Sysmex Philippines Inc.**  
Tel +63 (2) 621-2460 Fax +63 (2) 621-2432  
[www.sysmex.com.ph](http://www.sysmex.com.ph)

**Sysmex New Zealand Ltd**  
Tel +64 (9) 630-3554  
[www.sysmex.co.nz](http://www.sysmex.co.nz)

**Sysmex Vietnam Co., Ltd**  
Tel +84 (028) 3997-9400 Fax +84 (028) 3997-9405  
[www.sysmex.com.vn](http://www.sysmex.com.vn)

**Sysmex Vietnam Co., Ltd (Hanoi Branch)**  
Tel +84 (024) 3776-7020 Fax +84 (024) 3776-7022  
[www.sysmex.com.vn](http://www.sysmex.com.vn)

**Sysmex Australia Pty Ltd**  
Tel +61 (2) 9016-3040  
[www.sysmex.com.au](http://www.sysmex.com.au)