

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.

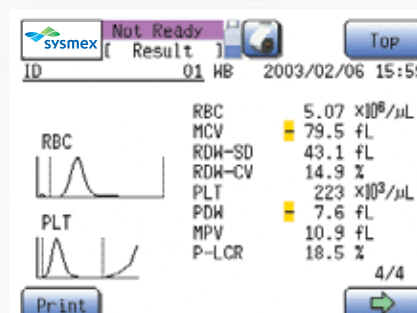
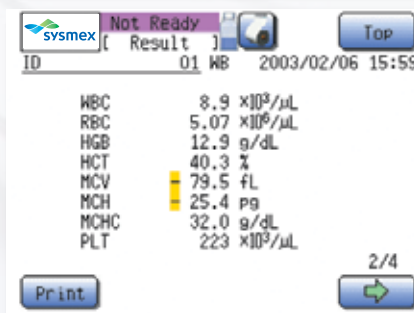
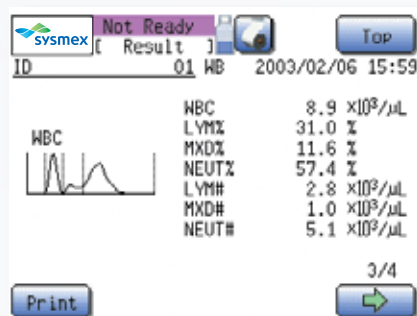
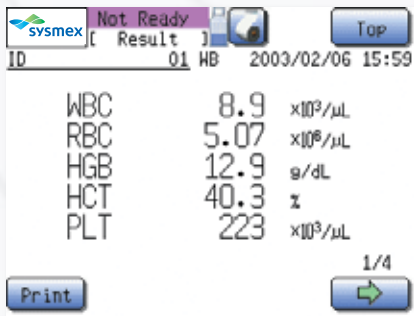


Open the cover and set the sample



Press "RUN" button

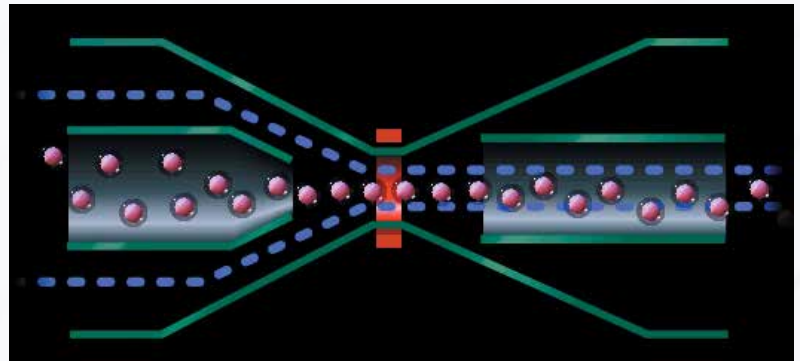
Results from pocH-100i



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.

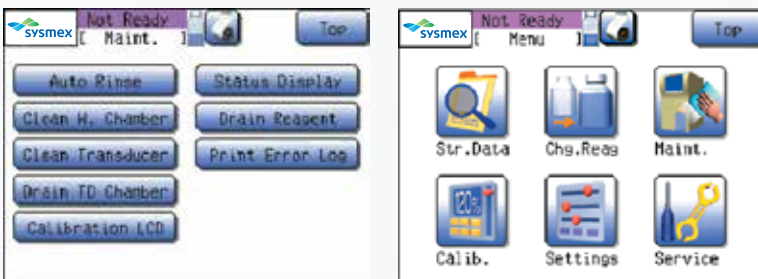
This feature provides accurate RBC and PLT, as well as Hematocrit even in high or low counts. The closed tube sampling with non-Cyanide analysis for HGB meets your needs for an environmentally friendly solution.



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.

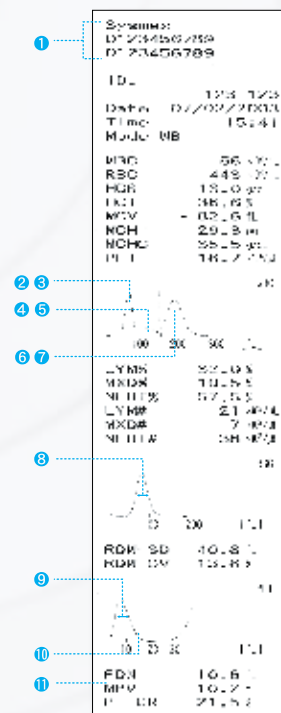
The EIGHTCHECK information, such as lot no., expiry date and assay values can be easily input by scanning the assay sheet using a barcode reader.

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)¹
 - 10 P-LCR (PLT-Large Cell Ratio)¹
 - 11 MPV (Mean Platelet Volume)
- ¹Analytical 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"> • WBC: Electric impedance method • RBC/PLT: Hydrodynamic focusing DC detection method • HGB: Non-Cyanide hemoglobin analysis method |
| Analysis Time | <2.5 minutes per sample |
| Sample Volume | <ul style="list-style-type: none"> • Approx. 15 µl for Whole Blood Mode • Approx. 20 µl for Pre-diluted Mode |
| 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.

Registered under Act 737
Registration No: IVDB17531114618

Sysmex Asia Pacific Pte Ltd
Tel +65 6221-3629 Fax +65 6221-3687
www.sysmex-ap.com

Sysmex India Pvt Ltd
Tel +91 (22) 6112-6666
www.sysmex.co.in

PT Sysmex Indonesia
Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699
www.sysmex.co.id

Sysmex (Malaysia) Sdn Bhd
Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688
www.sysmex.com.my

Sysmex (Thailand) Co., Ltd
Tel +66 (2) 032-2536 Fax +66 (2) 116-5396
www.sysmex.co.th

Sysmex Philippines Inc.
Tel +63 (2) 621-2460 Fax +63 (2) 621-2432
www.sysmex.com.ph

Sysmex New Zealand Ltd
Tel +64 (9) 630-3554
www.sysmex.co.nz

Sysmex Vietnam Co., Ltd
Tel +84 (028) 3997-9400 Fax +84 (028) 3997-9405
www.sysmex.com.vn

Sysmex Vietnam Co., Ltd (Hanoi Branch)
Tel +84 (024) 3776-7020 Fax +84 (024) 3776-7022
www.sysmex.com.vn

Sysmex Australia Pty Ltd
Tel +61 (2) 9016-3040
www.sysmex.com.au