

XT-1800i

Hematology is Fluorescent Flow Cytometry



Technologies	Fluorescence Flow Cytometry method: WBC-DIFF DC sheath flow method: RBC, HCT, PLT Cyanide-free SLS method: HGB
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, Neut %, Lymph %, Mono %, Eo %, Baso %, Neut #, Lymph #, Mono #, Eo #, Baso #, RDW-SD, RDW-CV, MPV
Throughput	80 samples/hour
Aspiration Volume	sampler or manual closed mode: 150 µL manual open mode: 85 µL capillary mode: 40 µL
Data Storage	10,000 samples (incl. graphics) 5,000 patients' information 1,000 selective test orders
Quality Control	Comprehensive QC files including "Current" and "New" lot feature 1 XbarM file with 300 data points Online QC
Interfaces	Host, line printer, graphic printer
Dimensions / Weights w x h x d [in]/[lbs]	Main unit: 20.5x24.8x19.7/114.6 Sampler: 20.5x8.7x4.3/15.4 Pneumatic unit: 11.2x14x15.8/35.3
Standard	Rack sampler for 50 sample tubes Hand-held barcode scanner

Success of excellence

- built on the modern fluorescent flow cytometry platform of the SYSMEX XE-2100
- reliable system requiring minimum maintenance (just one shut-down cycle/day)

Valuable information with diagnostic impact

- excellent WBC differential with low review rate due to fluorochrome staining of cells
- accurate RBC and PLT count determined by a hydrodynamic focusing system
- cumulative patient data and Delta Check

Easy to use

- Windows® 2000 graphical user interface
- Q-FLAGS for quantitative flagging, adjustable according to laboratory needs
- comprehensive software programs for internal and external quality control on board

Cost effective

- two random access selective test profiles (CBC, CBC/DIFF)
- real time bi-directional Host communication
- network capability for integration into a productive laboratory environment

Flexible

- Information Processing Unit (IPU) with customizable display
- optional components for flexible configurations

Design and specifications may be subject to change due to further product development

SYSMEX CORPORATION
1-5-1, Wakinohama-Kaigandori, Chuo-ku
Kobe 651-0073, Japan
Phone 81-78-265-0521 · Fax 81-78-265-0530
www.sysmex.co.jp

SYSMEX AMERICA, INC.
One Nelson C. White Parkway, Mundelein, IL 60060, U.S.A.
Phone 847-996-4531 · Fax 847-996-4559
www.sysmex.com/usa

SYSMEX DO BRASIL INDÚSTRIA E COMÉRCIO LTDA.
Rua Professor Algayr Munhoz Mader
3775-Bloco C-CIC Curitiba-Parana-Brasil-CEP 81350-010
Phone 55-41-246-1314 · Fax 55-41-248-3180

SYSMEX EUROPE GMBH
Bornbarch 1, 22848 Norderstedt, Germany
Phone 49-40-527 26-0 · Fax 49-40-527 26-100
www.sysmex-europe.com

SYSMEX DEUTSCHLAND GMBH
Bornbarch 1, 22848 Norderstedt, Germany
Phone 49-40-534 1020 · Fax 49-40-523 23 02
www.sysmex.de

SYSMEX UK LTD.
Sunrise Parkway, Linford Wood (East)
Milton Keynes, Buckinghamshire, MK14 6QF, U.K.
Phone 44-1908-669 555 · Fax 44-1908-669 409
www.sysmex.co.uk

SYSMEX SINGAPORE PTE LTD
2 Woodlands Sector 1, #01-06 Woodlands Spectrum
Singapore 738068, Singapore
Phone 65-6221-3629
Fax 65-6221-3687
www.sysmex.com.sg

SYSMEX SHANGHAI LTD.
5th Floor, New Shanghai International Tower
360 Pudong South Road
Shanghai, 200120 China
Phone 21-6886-3300
Fax 21-6886-3355
www.sysmex.com.cn