



XE-2100D™ Automated Hematology Analyzer

Unique Solutions at Your Fingertips



The Sysmex XE-2100D Blood Center Advantage:



Sysmex continues to demonstrate its commitment to the Blood Center Market by offering analyzers specifically designed to meet the needs of the Blood Centers.

The XE-2100D is a reliable system offering an easy-to-use operating system and a comprehensive inter-laboratory QC program.

The XE-2100D provides the throughput and advanced technology required to accurately handle your high volume QC testing while assisting in maximizing yields.

Technology

- Incorporates robust Fluorescent Flow Cytometry
- Platelet counts supporting maximized split yields
- Customizable reports for discrete parameter testing
- ISBT Compliant
- Incorporates technologies rated highest in reliability by an independent laboratory survey*

Anticoagulants For Use

- QC release testing of:
 - Red blood cell components for RBC, HGB and HCT parameters using anticoagulants CPD, CP2D, ACD-A, CPDA-1
 - Platelet components for PLT and MPV parameters using anticoagulants CPD and ACD-A

*IMV ServiceTrak™



XE-2100D

Sysmex XE-2100D Specifications

Extended Linearity For Blood Center Application

- PLT (5 Million)
- HCT (75%)

Ease of Operation

- Reliable, easy-to-use and requires minimum maintenance
- Barcoded reagents with on-board reagent log

Quality Control Programs

- High platelet control material available
- *Insight™* - Web based comprehensive peer comparison

Training & Support

- Blood Center - specific validation and training programs
 - On-site
 - Web based
- SNCS™ (Sysmex Network Communications System) secure real-time remote analysis and instrument service aids in providing maximum uptime

Principles & Technologies

RBC, PLT	Hydrodynamic focusing direct current detection
WBC	Fluorescence Flow Cytometry method
HGB	Non-cyanide method
HCT	Cumulative pulse height detection method

Whole Blood Parameters

21 Parameters Including HGB, HCT and PLT
 WBC, RBC*, HGB*, HCT*, MCV, MCH, MCHC, PLT**, NEUT%, LYMPH%, MONO%, EO%, BASO%, NEUT#, LYMPH#, MONO#, EO#, BASO#, RDW-SD, RDW-CV, MPV**

* RBC Component Bag
 ** PLT Component Bag

Throughput

150 Samples/hr (max.)

Sample Volumes

200µL/130µL (closed/open mode)

Linearity

WBC:	0 – 440 x 10 ³ /µL
RBC:	0 – 8 x 10 ⁶ /µL
HGB	0 – 25 g/dL
HCT	0 – 75%
PLT:	0 – 5 x 10 ³ /µL

Data Storage (IPU: Information Processing Unit)

10,000 samples (including graphics)

Quality Control

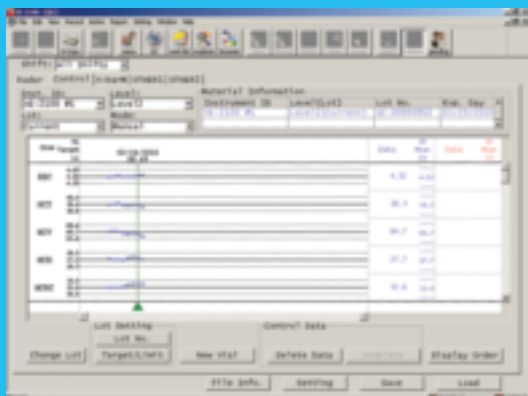
Comprehensive QC files including
 “current & new” lot feature
 Online QC / Peer Comparison - *Insight™*
 High PLT Control
 1 XbarM file

Interfaces

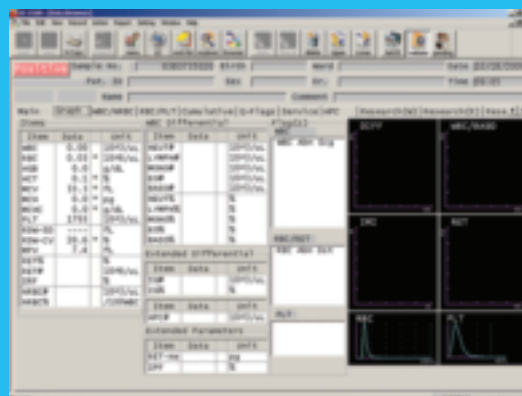
ASTM

Dimensions / Weight w x h x d [in] / [lbs]

Main unit: 27.8" x 35.9" x 28" / 178 lbs.
 Sampler: 22.8" x 7.7" x 14.8" / 26 lbs.
 IPU: 18" x 17.6" x 5.3" / 24 lbs.



Comprehensive QC



Customizable Reports

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