



KX-21N™ Automated Hematology Analyzer

Results you can trust!



KX-21N Hematology Analyzer



Innovative technology

- Performs rapid and accurate analysis of 17 parameters
- Utilizes same Direct Current detection method as Sysmex high-end systems
- Produces accurate results comparable to other Sysmex hematology analyzers

Compact and fully integrated

- Ideal as back-up for Sysmex 5-part differential systems
- Small footprint
- Fits easily on a laboratory bench or table

Accurate and reliable

- Sysmex robustness for the best possible up-time
- Sensitive flagging to support diagnosis by the physician
- Quality Assurance Program

Easy operation and maintenance

- Minimal training required
- Simple menus
- Push-button technology

Safe and secure

- Non-toxic, biodegradable reagents
- Reliable results for clinician's and patient's peace of mind

Network capability via your LIS

With its simplified operations, the Sysmex KX-21N is ideal for clinic satellite lab or research testing. The KX-21N hematology analyzer provides 17 reportable parameters including a 3-part WBC differential, plus histograms for RBC, PLT and WBC. It provides a high level of accuracy through the use of automatic floating discriminators. Built on reliable, Sysmex technology, it features a simple start-up function, single button selection for sampling and daily maintenance, in a space-saving, compact design.

KX-21N Specifications

Detection Principles

RBC, PLT Direct Current (DC) detection method
 WBC DC detection method
 HGB Non-cyanide method
 HCT Cumulative pulse height detection method

Parameters

Whole Blood Mode; 17 parameters
 WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM%, MXD%, NEUT%,
 LYM#, MXD#, NEUT#, RDW-SD, RDW-CV, MPV, PDW*, P-LCR*
Pre-dilute Mode; 8 parameters
 WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC

Histogram

WBC, RBC, PLT

Throughput

60 samples per hour (max.)

Sample Volume

Whole Blood Mode 50 μ L
 Pre-dilute Mode 20 μ L

Data Storage

300 complete sample results with histograms

Quality Control

2 QC programs: Levey-Jennings; X-bar file control charts
 6 QC files for all Sysmex EIGHTCHECK-3WP X-TRA™ parameters
 Quality Assurance Program

Whole Blood Linearity

WBC 1.0 – 99.9 $\times 10^3/\mu$ L
 RBC 0.30 – 7.00 $\times 10^6/\mu$ L
 HGB 0.1 – 25.0 g/dL
 HCT 10.0 – 60.0%
 PLT 10 – 999 $\times 10^3/\mu$ L

Sample No.

Up to 15 digits

Peripheral Output Options

Built-in thermal printer (standard)
 Host computer (RS232)
 Handheld barcode reader (optional)
 Graphic printer (optional)

Multi-Language Software

English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese

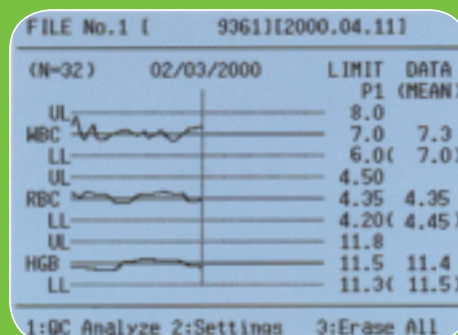
Dimensions / Weights

w x h x d [inches]/[lbs]

16.5" x 19" x 14" / 62 lbs.



Your Choice of Print Format



Levey-Jennings Control Chart

*In some areas, these parameters may be used for research or investigational purposes only.

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

