



# KX-21N 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
- 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\*  
**Predilute Mode; 8 parameters**  
 WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC

## Histogram

WBC (3-diff), RBC, PLT

## Throughput

60 samples per hour

## Sample Volume

Whole Blood Mode 50  $\mu$ L  
 Predilute Mode 20  $\mu$ 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

## Linearity; Whole Blood Mode

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

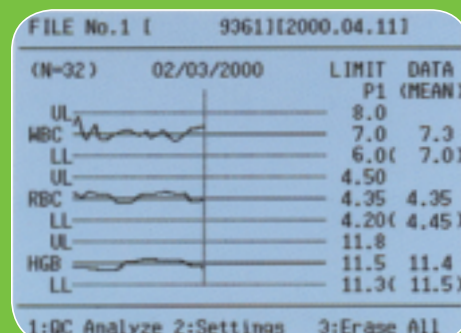
## Dimensions / Weights

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.

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