NIPIGON HEALTH



NP-21H

3-Part Hematology Analyzer

NP-21H

GENERAL FEATURES

Compact design

- Small footprint
- Build-in thermal printer

Humanized design

- WIFI function for LIS communication
- Multiple interfaces for peripheral devices

Cost-effective innovation

- Build-in lyse position
- Save space for small labs
- Precise and low sample volume
- Lower reagent consumption
- Good choice for patients with blood
- Full-scale benefit consideration collection difficulties for customers

Reliable performance

- 8 inches TFT touch screen
- Easy operation for various of operator
- Pulse base-line signal tracing technology
- More stable results
- Wider linearity range
- Easier establish trust with customers

Product overview

3-Part Hematology Analyzer with compact design, integrated thermal printing, whole-blood and pre-diluted sample modes, laboratory connectivity, and up to 55 tests per hour.

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PRODUCT SPECIFICATIONS

Technical specifications

Principle	Impedance method for WBC, RBC and PLT test; cyanide-free colorimetry for HGB test.
Parameters	21 reportable parameters: WBC, Gran#, Lym#, Mid#, Gran%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC; 3 histograms for WBC, RBC and PLT.
Sample mode	Whole blood, and pre-diluted modes
Dimension	270 mm (W) x 375 mm (H) x 350 mm (D)
Net weight	16 kg
Sample volume	9 uL
Storage	Up to 200,000 records
Throughput	Up to 55 tests per hour
Interface	4 USB ports, 1 LAN port
Communication	Support bi-directional LIS
Power requirements	100V-240V~, 5060/Hz

Printing & connectivity

The analyzer includes a built-in 57 mm thermal printer and supports external laser / inkjet printers with various formats and user-defined formats.

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PRINTING & LINEARITY RANGE

Printout

Internal printer	57 mm thermal printer with various formats
External printer	Compatible with multiply laser / inkjet printers, compatible with various formats and user defined formats

Linearity range

WBC	<=2.0% (7.0-15.00 x10^9/L) <2.5% (3.50-7.00 x10^9/L)
RBC	<=1.4% (3.50-6.50 x10^12/L)
HGB	<=1.4% (110-180 g/L)
MCV	<=0.5% (70.0-110.0 fL)
PLT	<=4.0% (150-500 x10^9/L) <=5.0% (100-149 x10^9/L)