NP-36 VET

3-Part Auto Hematology Analyzer for Vet



Supports up to 20 customized animal detection modes

19	**17 µL**	**53**	**20**
Reportable parameters	Sample volume	Tests/hour	Customized animal modes

Core Specifications

Source-listed configuration and workflow

Principle	Impedance method for WBC, RBC and PLT; cyanide-free colorimetry for HGB.
Parameters	19 reportable parameters: WBC, Gran#, Lym#, Mid#, Gran%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT.
Histograms	3 histograms for WBC, RBC and PLT.
Sample modes	Whole blood and pre-diluted modes.
Sample volume	17 µL.
Storage	Up to 50,000 records.
Throughput	Up to 53 tests per hour.
Display	10.4-inch TFT touch screen.
Communication	Bi-directional LIS support.
Interface	4 USB ports and 1 LAN port.
Dimensions	364 mm (W) × 477 mm (D) × 417 mm (H).
Net weight	26 kg.

Performance Data

Repeatability and linearity as printed in the supplied source

Repeatability

- WBC: ≤3.0% (source print: 10^9 × 15.00-4.00 /L)
- HGB: ≤2.0% (source print: 180-110 g/L)
- RBC: ≤2.0% (source print: >10^12 × 3.50 /L)
- Source repeats HGB: ≤2.0% (180-110 g/L)
- MCV: ≤1.0% (source print: 110.0-40.0 fL)
- PLT: dog ≤6.0%; cat ≤10.0% (source range print: 10^9 × 500-100 /L)

Linearity range

- WBC: source print "10^9 × 200-0.00 /L"
- RBC: source print "10^12 × 17.00-0.00 /L"
- HGB: source print "250-0 g/L"
- PLT: source print "10^9 × 3000-0 /L"
- HCT: source print "%67-0.0"

Power requirement 100-240 V~, 60/50 Hz

Source transcription preserved

See reconciliation report for ambiguities.

Veterinary Workflow

Animal modes and source-listed device highlights

01 **Excellent repeatability**

02 **Wider linearity range**

03 **Built-in thermal printer; external printer supported**

04 **Internal lyse position**

05 **Touch screen**



Supported animal profiles listed in source

- Dog
- Cat
- Rabbit
- Cow
- Horse
- Sheep
- Monkey
- Gerbil
- Hamster
- Chinchilla
- Ferret
- Hedgehog
- Camel
- Rat
- Mouse
- Guinea Pig
- Pig

Source cover states support for up to 20 customized animal detection modes.