



EDAN

A world of potential

H60 Vet

5-Part Veterinary Hematology Analyzer



Specifications

Parameters

25 reportable parameters : WBC, RBC, HGB, HCT, MCV, RDW-CV, RDW-SD, MCH, MCHC, PLT, MPV, PCT, PDW, PLCR, PLCC, LYM%, LYM#, MON%, MON#, NEU%, NEU#, EOS%, EOS#, BAS%, BAS#

6 RUO parameters : ALY#, ALY%, LIC#, LIC%, NLR, PLR

2 histograms for RBC, PLT

2 scattergrams for WBC, DIFF, BASO

Performance	Parameter	Linearity Range	Precision (CV%)
	WBC (10 ⁹ /L)	0-300	≤3.0% (3.5-7.0) ≤2.5% (7.01-15.0)
	RBC (10 ¹² /L)	0-17	≤2.0% (3.5-4.5) ≤1.5% (4.51-10.0)
	HGB (g/L)	0-250	≤1.5% (100-180)
	PLT (10 ⁹ /L)	0-4000	≤5.0% (200-500)

Principles

Semiconductor laser flow cytometry analysis for WBC, DIFF and BASO counting
Electrical impedance Method for RBC, PLT counting
Cyanide-free reagent for HGB with colorimetric method

Sample Volume

Whole blood mode 16µL
Pre-diluted mode 20µL

Reagent

VD310 Veterinary Diluent : 20L
VL600 Veterinary Lyse : 100mL/200mL
HC310 Cleaner : 50mL

Data Storage Capacity

100, 000 results including results and histograms
60 QC files (100 data per file)

Dimension and Weight

501mm(L)*320mm(W)*502.5mm(H)
Weight : 29.3kg

Carryover

WBC, RBC, HGB≤0.5%, PLT≤1.0%

Throughput

60 T/H

Display

12.1 inch TFT color touch screen

Control and Calibrator

ED-60D, ED-CAL PLUS

Operating Environment

Temperature : 15°C ~ 32°C;
Humidity : 30% RH~85% RH;
Air pressure : 70 kPa~106 kPa

Species

Cats, Dogs, Horse, Sheep, Goat,
Monkey, Camel, Llama, Panda,
Cow, Pig, Rabbit, Rat, Mouse.

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5-Part Veterinary Hematology Analyzer



Imported & Marketed By:

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Vet-V1.1-20220302

**Assit Animal Healthcare
in EDAN Way**



H60 Vet

5-Part Veterinary Hematology Analyzer

DETAILS THAT EASE YOUR WORK

H60 Vet with elegant design aims to simplifying users' workload and giving fancy experience. 12.1 inch colorful touch screen makes views more straight forward. Mini package reagents with longer shelf life make sure every reagent is actually used up.

USER-ORIENTED WITH INTUITIVE SYSTEM

Its Android-based system has a similar experience as a smartphone to use. Different set-up views, each optimized for various user situations, facilitate routine use, Historical result display is also supported.



MORE SPECIES LESS MAINTENANCE

Supportable species

Cats, Dogs, Horse, Sheep, Goat, Monkey, Camel, Llama, Panda, Cow, Pig, Rabbit, Rat, Mouse.



Simplified maintenance

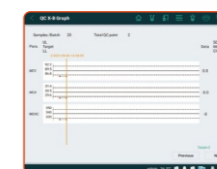
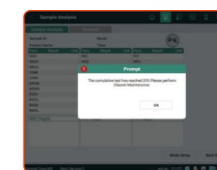
Every 200 tests need to be maintained once, system automatically reminds user

Customized animals

H60 Vet supports unlimited customized canine and feline species

QC & CAL

3 level QC with L-J graph and X-B graph
Support fresh blood calibration and calibrator



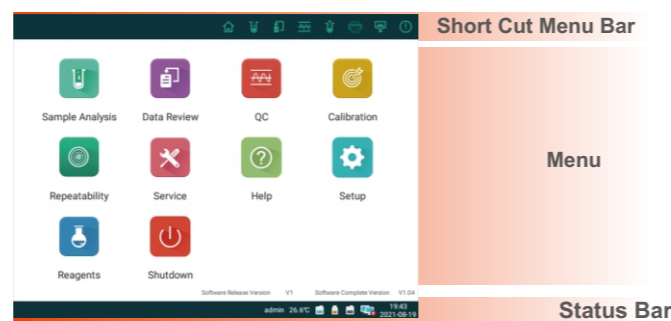
12.1 inch colorful Touch screen



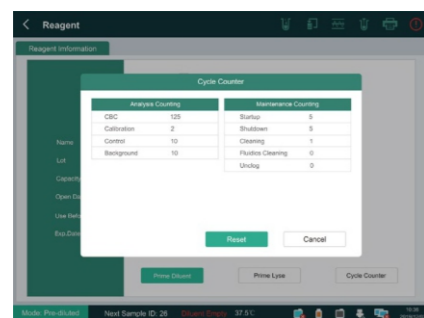
16 µL test volume

Owner	Result	gh	His.	Low	Normal	High	His.
WBC	111	6.24	0.24				0.24
NEUT	293	3.67	3.67				3.67
LYMP	75.53	58.9	2.17				2.17
MONO	64.7	2.17	0.28				0.28
PLT	167.1	2.17	4.4				4.4
RDW	15.0	2.17	0.12				0.12
RDW-CV	2.34	0.12	0.00				0.00
RDW-SD	2.1	0.12	0.00				0.00
HGB	12.37	4.33	4.33				4.33
HCT	77	36.4	36.4				36.4
MCH	23.7	36.4	36.4				36.4
MCHC	192.7	36.4	36.4				36.4
MCHD	62.4	36.4	36.4				36.4
MCHD-CV	325	36.4	36.4				36.4
MCHD-SD	34.6	36.4	36.4				36.4
PLT-SD	56.0	36.4	36.4				36.4
PLT-CV	2000	36.4	36.4				36.4
MPV	9.4	36.4	36.4				36.4
PDW	93	36.4	36.4				36.4
PCT	2.84	36.4	36.4				36.4
P_LIC	21.2	36.4	36.4				36.4

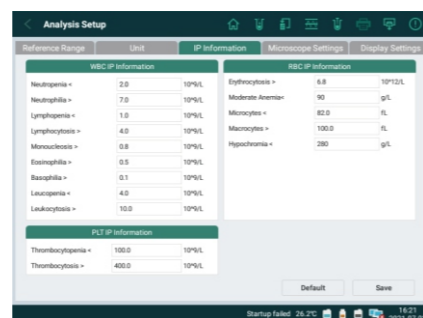
Support historical result display



Android-based operation system



Analysis recording via cycle counter



Function access within 2 steps



2 routine reagents with 120-day open shelf life

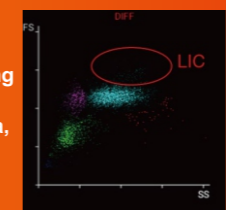


Support venous and pre-diluted mode

IMPROVE ACCURACY THAT ASSIST YOUR INSIGHTS

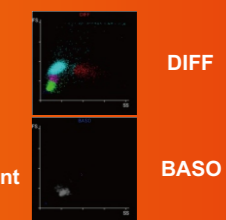
LIC

Large immature cells flagging
If the animals get pneumonia, hemolysis, etc. LIC could be an indicator



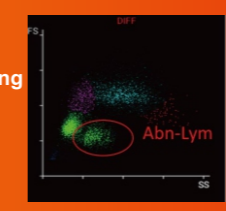
5-PART DIFF

10 DIFF parameters
2 scattergrams
Clear boundaries for different clustering



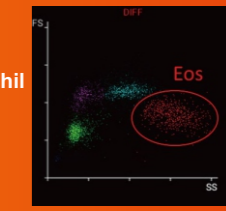
ALY

Abnormal lymphocyte flagging
ALY could regard as a predictor for parasitization, allergy, etc



EOSINOPHILIA

High specificity on eosinophil
Better performance on eosinophilia samples



TECHNOLOGY

Dual-angle laser and flow cytometry realize the better 5-part classification for WBC.

