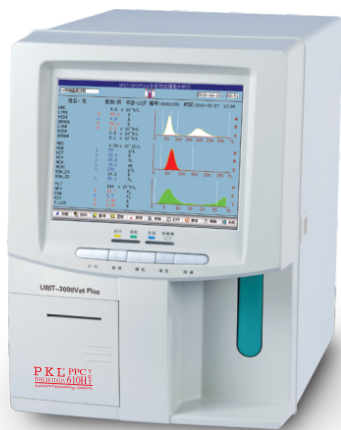


Global Diagnostics Supplier



PKL PPC610H VET

Automated Hematology Analyzer

- ▶▶ 13 pre-defined animal species + 3 programmable animals on request
- ▶▶ 60 samples per hour, Automatic hematology analyzer for veterinary
- ▶▶ 3-part differentiation of WBC, 21 parameters + 3 histograms



PKL PPC610H VET

Automated Hematology Analyzer

Specifications

Animal type: Dog, Cat, Horse, Pig, Cow, Buffalo, Rabbit, Monkey, Rats, Mice, Sheep, Goat, Camel and 3 types user-defined and 3 types user-defined

Parameters: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3-part differentiation of WBC, 21 parameters and 3 histograms

Principles of operation: WBC/RBC/PLT: Electrical Impedance
HGB: Photoelectric colorimetry

Aspiration Volume: Whole blood 10 μ L Pre-diluted 20 μ L

Aperture Diameter: WBC 100 μ m RBC/PLT 68 μ m

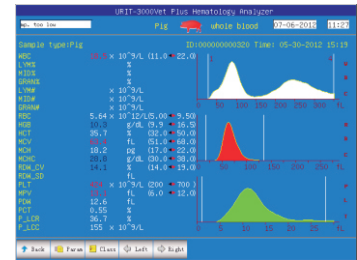
Throughput: 60 samples per hour

Data storage: More than 100,000 sample results with histograms

Display: 10.4 inches color LCD, resolution 640 $\times$ 480

Power requirement: AC 100V ~ 240V, 50/60Hz 180 W

Input/Output: Support RS232, standard network port and USB
Shortcut keys with standard mouse and keyboard
Internal 57mm thermal printer,
Parallel Port and USB for external printer



Main screen

The 'Edit the info' screen allows users to input patient information. Fields include Patient Name, Pet Sex, Pet Name, Age, Sample No., ID#, Tel., and Checker. There are OK and Cancel buttons at the bottom.

Animal information

The 'Animal choice' screen displays a grid of buttons for selecting an animal species. The species listed are Dog, Cat, Horse, Pig, Cow, Buffalo, Rabbit, Monkey, Rats, Mice, Sheep, Goat, Camel, and three user-defined species (User Defined 1, 2, 3).

13 pre-defined animal species + 3 programmable animals

The 'Calibration' screen shows a table for adjusting parameters for a specific animal (Pig). The table has columns for Param, Cal, Assay, Value1, New Cal, and Date. Parameters listed include WBC, RBC, HGB, MCV, PLT, MPV, RDW-CV, RDW-SD, and PDW.

Param	Cal	Assay	Value1	New Cal	Date
WBC	100.0				2011-11-21
RBC	100.0				2011-11-21
HGB	100.0				2011-11-21
MCV	100.0				2011-11-21
PLT	100.0				2011-11-21
MPV	100.0				2011-11-21
RDW-CV	100.0				2011-11-21
RDW-SD	100.0				2011-11-21
PDW	100.0				2011-11-21

Calibration for each animal type

The 'System adjust' screen allows for fine-tuning the analyzer's performance. It includes fields for Current RBC, Expected RBC, MCH Gain, RBC Gain, PLT Gain, HGB Gain, HGB_BIAS, HGB_ZERO, PS adjust, and Vacuum.

Different gain for each animal

Characteristics

- 13 pre-defined animal species + 3 programmable animals
- Large color LCD display & Linux operation system
- Support USB data backup & system upgrade
- Excellent data management with mouse and keyboard
- Calibration and quality control for each animal
- Support LIS and HIS with HL7 protocol

PARAMEDICAL srl

Via Irno snc,
84098 Pontecagnano Faiano (SA) - ITALY
Vat.: IT03117920656

Tel. +39 089.385027

Fax +39 089.3854479

amministrazione@paramedical.it

www.paramedical.it



ISO 9001:2008
ISO 13485:2012