



Abacus Vet5

Animal Healthcare at its best



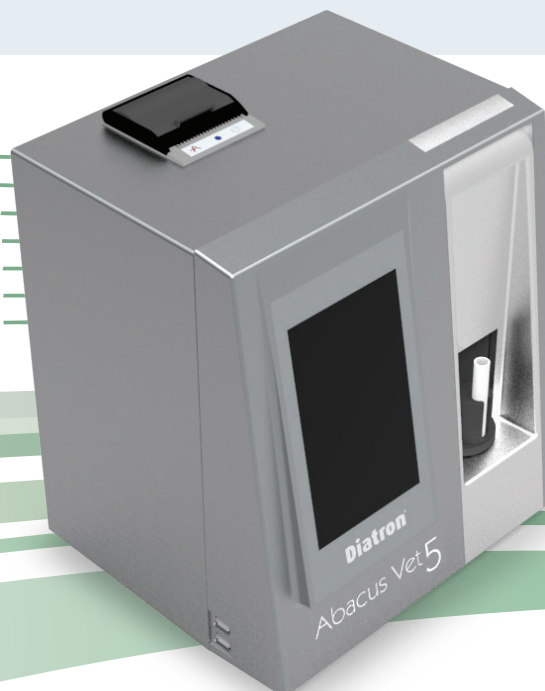
Abacus Vet5

Analyzer Overview

Diatron has utilized its many years of expertise in developing and manufacturing hematology analyzers for the human clinical market to produce this recently introduced veterinary analyzer for exclusive use in the animal healthcare field. The **Abacus Vet5** features a **large touch screen** and has an **intuitive user interface** to offer an **optimal solution** for **veterinary clinics** and **practices** which require a high quality hematology analyzer.

Key Features and Benefits

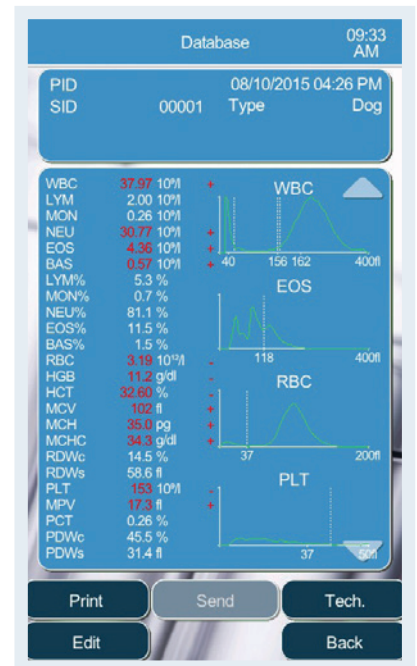
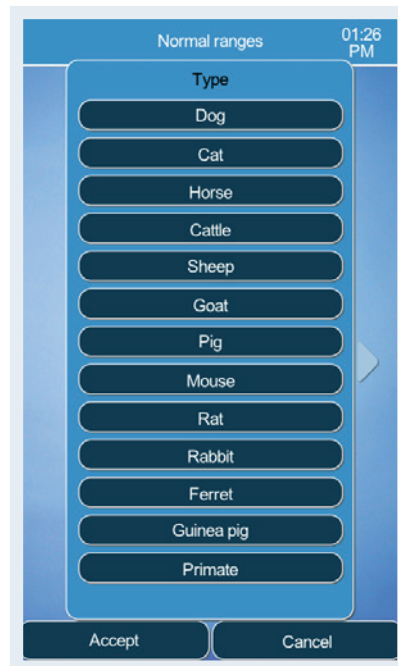
- **Easy to use** – With its large capacitive touch screen and user-friendly interface allows accurate data entry and monitoring of results and histograms enabling fast and efficient operation. Results can be retrieved via an on-board or an external printer. For those environments requiring it, the system can connect to a Laboratory Information System (LIS) using the HL7 communication protocol.
- **High performance** - The Abacus Vet5 offers 5 part differential WBC results on Dog, Cat, Cattle, Horse, and 3 part differential WBC results on Mouse, Rat, Rabbit, Ferret, Sheep, Goat, Pig, Guinea Pig and Primates
- **Convenient** – Its compact size and associated reagent pack mean that the system does not need much space and storage and shipping of reagents is simple.
- **Reliable and efficient** - Each Abacus Vet5 analyzer is almost maintenance-free resulting in minimal downtime and can store up to 5000 results.



Artist's impression

Diatron Reagents

Our **ISO 13485 certified reagent production** is designed to meet the **highest quality standards** with all lots performance tested before release for sale. The Diatro Lyse Vet is cyanide-free and all reagents have an unopened **shelf life up to 36 months** when stored appropriately. The use of the hardware key ensures that only Diatron reagents can be used thus ensuring the best performance and quality of results.



Reagent pack for Abacus Vets

Cat. No.	Product name	Pack size
DRPo2HK	Diatro Dil-Vet	9 L
	Diatro Lyse-Vet	300mL
	Diatro Diff-Vet5	800mL
	Diatro Rinse-Vet	500mL
	Diatro Cleaner	300mL

samples

- Throughput - Up to 25 samples/hour
- Parameters - 24 hematology parameters, including 5-part WBC differential: WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS%, BAS%, RBC, HCT, MCV, RDWc, RDWs, HGB, MCH, MCHC, PLT, PCT, MPV, PDWc & PDWs
- Technology - Impedance
- Aperture diameter - 80 µm
- Sample volume - 25/50 µl of whole blood in 3/5 part mode
- Sampling method - Open tube system with automatic sample rotor

Sample profiles

- Five-part mode: dog, cat, horse and cattle
- Three-part mode: mouse, rat, rabbit, ferret, pig, sheep, goat, guinea pig and primates

Reagents

- Reagent pack containing Isotonic Diluent (Dil Vet), Lyse Vet, Diff Vets, Cleaner & Rinse Vet
- Hardware key protected pack
- Test size up to 100 measurements

User interface

- Easy-to-use, menu driven user interface without hardware function buttons
- Screen type - Capacitive 8" (173x104 mm), LED backlit, color graphics LCD
- Data storage capacity - up to 5000 result, including histograms
- Printer options - Built in thermal printer (56mm wide paper)
- LJ charts - Trend function allows to display with a Levey-Jennings chart the selected records from the database
- Screen resolution - 480 x 800

Communication protocol:

- ASCII-based communication protocol only
- HL7 communication

- Cleaning functions - Automatic Self Clean, Clean Washhead, Drain Chamber, Hard Cleaning, 5 Cycle Clean, Bleaching
- Export function - 3 level export type: Simple, Advanced, Extended
- Optional barcode reader for sample ID and QC Data upload
- Log file - Display history of analyzer actions/errors

Physical parameters

- Size (Width x Depth x Height)
31,5cm x 27,5cm x 37,0cm
12.4 in x 10.8 in x 14.5 in
- Weight - ~13kg/28.6lbs
- Power supply - 100-240V AC, 12V DC

Communication interface

- LAN
- USB

Your distributor

Description	Catalogue No
Abacus Vet5	AV5