Ordering Information

**INSTRUMENTATION**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>CDC-9950-004</td>
<td>HEMA VET® 950LV (Specify 110V or 220V)</td>
<td></td>
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<tr>
<td>CDC-9950-002</td>
<td>HEMA VET® 950 (Specify 110V or 220V)</td>
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<tr>
<td>CDC-9950-005</td>
<td>HEMA VET® 950FS (Specify 110V or 220V)</td>
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<tr>
<td>CDC-9950-006</td>
<td>HEMA VET® 1700 (Specify 110V or 220V)</td>
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</table>

**CONSUMABLES**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>200106</td>
<td>FS-PAK Reagent Pack</td>
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<tr>
<td>200108</td>
<td>LV-PAK Reagent Pack</td>
<td></td>
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<tr>
<td>610500</td>
<td>Probe-Clenz (1x30mL bottle)</td>
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**ACCESSORIES**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>018-0001-004</td>
<td>Rock 'n Roller Mixer (4 roller)</td>
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**QUALITY CONTROL**

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>600063</td>
<td>MULTITROL Controls Horse (7x2mL vials)</td>
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<tr>
<td>600064</td>
<td>MULTITROL Controls Cat (7x2mL vials)</td>
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<tr>
<td>600065</td>
<td>MULTITROL Controls Mouse (7x2mL vials)</td>
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<tr>
<td>600066</td>
<td>MULTITROL Controls Dog (7x2mL vials)</td>
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<tr>
<td>600067</td>
<td>MULTITROL Controls Dog/ Cat (7x2mL vials)</td>
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<tr>
<td>600068</td>
<td>MULTITROL Controls Dog/ Cat (3x2mL vials)</td>
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<tr>
<td>600069</td>
<td>MULTITROL Controls Cat (3x2mL vials)</td>
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<td>600070</td>
<td>MULTITROL Controls Mouse (3x2mL vials)</td>
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<tr>
<td>600071</td>
<td>MULTITROL Controls Horse (3x2mL vials)</td>
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</table>

**CHEMISTRY**

For all Veterinary Chemistry needs, Drew Scientific offers the Prochem V system. Inquire for further information.
**Introduction**

HEMA®VET® analyzers have been setting the standard for veterinary hematology CBCs for over 10 years. The HEMA®VET® 950 takes that pedigree and improves it even further, offering automatic, primary tube sampling with probe-wipe.

**The History**

The HEMA®VET® range was the first system to be specifically designed for Veterinary Hematology applications. There have been thousands of units placed around the world, used in every type of situation from the companion animal vet office to the largest research labs. The HEMA®VET® systems use specialized design and patented technology to give an edge over any other system on the market today. HEMA®VET® systems have also been providing a quality complete 5 population white blood cell differential since 1995 (so we know it works!).

**The Technology**

The HEMA®VET® provides superior cell separation for accurate and precise analysis through use of patented Focused Flow Technology (eleven patents issued) thus giving the best technology available for dealing with veterinary samples. In addition patented Expectation Maximization software helps categorize the different types of cells. All this combines to give exceptional performance and broad linearity for all types of animals. The HEMA®VET® can handle everything from Pygmy Goats to Beluga Whales!

**Research**

The HEMA®VET® is widely used in research establishments. There are two options available, the HEMA®VET® 950 FS and the HEMA®VET® 1700. See instrument specifications for more information.

**HEMA®VET® Specifications**

**Instrument & Species Option**

Each HEMA®VET® instrument is custom built to your own requirements. When ordering you need to specify which instrument type you want and which Pre Programmed Species you select for your instrument. The list of available species, depends on which model you choose.

**HEMA®VET® 950LV**

This is the entry level model and is designed for users running lower numbers of samples. The unit comes as standard with two pre-selected species from: Cat, Cow, Dog, Ferret®, Foal®, Goat®, Guinea Pig, Horse, Pig, Rabbit, Sheep.

**HEMA®VET® 950FS**

This model is ideal for the vet running higher numbers of samples. The unit comes as standard with two pre-selected species from: Calf, Cat, Cow, Dog, Ferret®, Foal®, Goat®, Guinea Pig, Horse, Pig, Rabbit, Sheep.

**HEMA®VET® 1700**

For customers requiring a wider selection of species than the six offered on the HEMA®VET® 950 models, Drew offers the HEMA®VET® 1700. Custom designed to fit Laboratory needs, it runs up to 65 Species. Instrument programmability allows users to develop methods for species not currently under our development list.

**Parameters:**

- WBC, NE#, NE%, LY#, LY%, MO#, MO%, EO#, EO%, BA#, BA%, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, Platelet Count, MPV, Reticulocytes#, Reticulocytes%, NRBC#, NRBC%.

**Flagging:** Automatic distribution and morphological flagging. Hematologic abnormality charts indicating Mild, Moderate and Severe conditions.

1. On this species, the leucocyte parameter reports total WBC only and does not provide a WBC differential
2. Available on this instrument for an additional charge
3. Reticulocytes presence flagged on dogs only. Reticulocytes not detected on other species
HEMA VET® 950

Introduction
HEMA VET® analyzers have been setting the standard for veterinary hematology CBCs for over 10 years. The HEMA VET® 950 takes that pedigree and improves it even further, offering automatic, primary tube sampling with probe-wipe.

The History
The HEMA VET® range was the first system to be specifically designed for Veterinary Hematology applications. There have been thousands of units placed around the world, used in every type of situation from the companion animal vet office to the largest research labs. The HEMA VET® systems use specialized design and patented technology to give an edge over any other system on the market today. HEMA VET® systems have also been providing a quality complete 5 population white blood cell differential since 1995 (so we know it works!).

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HEMA VET® 950LV
This is the entry level model and is designed for users running lower numbers of samples. The unit comes as standard with two pre-selected species from: Cat, Cow, Dog, Ferret, Foal, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep.

HEMA VET® 950FS
This model is designed for the reference vet facility or research customer. In addition to the species offered on the 950 (See above), the HEMA VET® 950FS offers: Camel, Deer, Elephant, Elk, HFRO (Human - for research only), Llama, Monkey, Mouse, Rat.

HEMA VET® 950
This model is ideal for the vet running higher numbers of samples. The unit comes as standard with two pre-selected species from: Cat, Cat, Cow, Dog, Ferret, Foal, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep.

HEMA VET® 1700
For customers requiring a wider selection of species than the six offered on the HEMA VET® 950 models, Drew offers the HEMA VET® 1700. Custom designed to fit Laboratory needs, it runs up to 65 Species. Instrument programmability allows users to develop methods for species not currently under our development list.

Parameters:
- WBC, NE#, NE%, LY#, LY%, MO#, MO%, ED#, ED%, BA#, BA%, RBC, HB, HCT, MCV, MCH, MCHC, RDW, Platelet Count, MPV, Reticulocytes#, Reticulocytes%, NRBC#, NRBC%.

Flagging: Automatic distribution and morphological flagging. Hematologic abnormality charts indicating Mild, Moderate and Severe conditions.

1 On this species, the leucocyte parameter reports total WBC only and does not provide a WBC differential
2 Available on this instrument for an additional charge
3 Reticulocytes presence flagged on dogs only. Reticulocytes not detected in other species

Sample type/handling: Automatic, primary tube sampling with probe-wipe from EDTA whole blood.
Sample volume: 20 µL whole blood.
Sample cycle: 2 minutes.
Data Input: Touch Keypad with up to six dedicated Species Keys and one OTHER key. LCD display.
Data Output: Customized report (8.5"x11’ or A4) with exclusive 3-D cytograms of WBC subpopulations, RBCs, PLTs plus additional flagging for NRBC#, NRBC%. RS232 port for external computer interface.
Data Storage: Optional 50 results on board.
24 reportable CBC parameters including platelets and full 5 part differential
Just 20µL sample volume required using direct primary tube sampling with auto probe wipe
Two minute cycle time for fast result reporting
Use of optimized convenient-to-use reagents gives cost effective operation for low or high volume users
Multi-Species Quality Controls available to enable Good Lab Practice
CBC’s on up to six species at the press of a button through use of species specific keys
Species specific normal ranges on printout for easy identification of abnormal samples
Sophisticated flagging of abnormal results to give diagnostic assistance
A variety of system choices to suit everyone from the start-up vet clinic to advanced research applications

HEMA VET® 950
Veterinary 5 part WBC Hematology System

CHEMISTRY
For all Veterinary Chemistry needs, Drew Scientific offers the Prochem V system. Inquire for further information

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Facsimile: +44 (0)1229 432096
Email: vetproducts@drew-scientific.com
www.drew-scientific.com

Parameter | Precision (Level x Units, CV) | Linearity (Range Units)
--- | --- | ---
WBC | 10.0 x 10^3 cells/µL, < 3.0% | 0.1 to 200.0 x 10^3 cells/µL
RBC | 7.0 x 10^6 cells/µL, < 3.0% | 0.01 to 20.0 x 10^6 cells/µL
Hb | 14 g/dL, < 2.0% | 0.1 to 35 g/dL
MCV | 60 fL, < 1.0% | 30 to 300 fL
Platelets | 500 x 10^3 cells/µL, < 5.0% | 1 to 4000 x 10^3 cells/µL
Neutrophils | 6.0 x 10^3 cells/µL, < 6.0% | 0.1 to 99.9%
Lymphocytes | 6.0 x 10^3 cells/µL, < 6.0% | 0.1 to 99.9%
Eosinophils | 2.0 x 10^3 cells/µL, < 12.0 | 0.1 to 99.9%

*Extended MCV linearity range (10 to 600 fL) available for Exotic Species Packages, eg Goat, Llama

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