



Providing veterinarian professionals with the tools they need to be successful.

MicroVet Diagnostics specializes in cost effective and innovative diagnostic products that are designed to enhance your veterinary practice. Through development and collaborative partnerships, point of care testing that promotes a higher standard in diagnostics is offered. MicroVet has a highly skilled and seasoned team of industry professionals in all disciplines of diagnostics. The mission? To offer the products and tools that can truly make a difference in veterinary medicine while being mindful of the economics.

TO ORDER

www.pennvet.com | 800.233.0210 Or scan this QR code



Micro-Chem II

Chemistry, Electrolyte,
Immunoassay and
Coagulation
all-in-one system.



Specifications

Sample Volume:	90-120 μ l
Bar code:	Two-dimensional bar code
Testing time:	12 minutes/sample
Temperature:	37°C \pm 0.2°C
Resolution:	0.001 Abs
Absorbance:	0-3.0Abs
Sample type:	Anti-coagulated whole blood, serum, plasma
QC & Calibrate:	Real time full-auto finish
Operational environment:	Temperature: 10-32°C Humidity:<85%
Testing principle:	Absorption spectroscopy, transmission turbidimetry
Testing method:	End point, kinetic, fixed time and turbidimetry
Light source:	12V/20W, halogen tungsten lamp's life span is over 2500 hours
Power supply:	Adapter inside: AC100V-240V, 50-60Hz
Power:	Output: 15V 7.0A, 105W MAX
Display:	Android 7.0 inch 800*480, multi-point capacitive touch screen
Storage:	4G,>100,000 results
Printer:	Built-in thermal printer
Connectors:	2 USB ports
Order code:	MVMCANALYZER
Languages:	English, Italian, Portuguese, Russian, Spanish, Deutsch, French



AVAILABLE ROTORS

	Comprehensive Profile 20/PACK	Health Check Profile 20/PACK	Preanesthetic Profile 20/PACK	Coagulation Profile 10/PACK	Electrolyte Profile 10/PACK	Electrolyte Plus Profile 10/PACK	Reptilian/ Exotic/Avian Profile 5/PACK	Ammonia Profile 5/PACK
ALB	X	X					X	
ALP	X		X					
ALT	X	X	X					
AMY	X	X						
AST	X	X	X				X	
BUN	X	X	X			X		
Ca	X	X			X	X	X	
Chol	X							
CK	X	X	X				X	
CRE	X	X	X			X		
GGT	X							
GLU	X	X	X			X	X	
LDH	X		X					
Mg+					X	X		
PHOS	X	X			X	X	X	
TBIL	X	X						
TP	X	X	X				X	
CO2	X				X	X		
Cl-					X	X		
K+					X	X	X	
Na+					X	X	X	
GLOB	X	X					X	
A/G	X	X					X	
B/C	X	X	X					
LIP	X							
Uric Acid							X	
B. Acid	X						X	
TRIG	X	X						
LAC						X		
pH						X		
NH3								X
aPTT				X				
PT				X				
FIB				X				
TT				X				

Easy 3-step operation



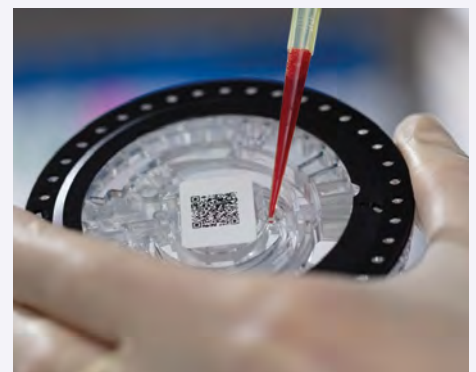
Inject 100ul of Serum, Plasma, or Whole Blood.



Insert Rotor. All fluids are self-contained within the rotor.



Read results. Results are ready in 12 minutes.

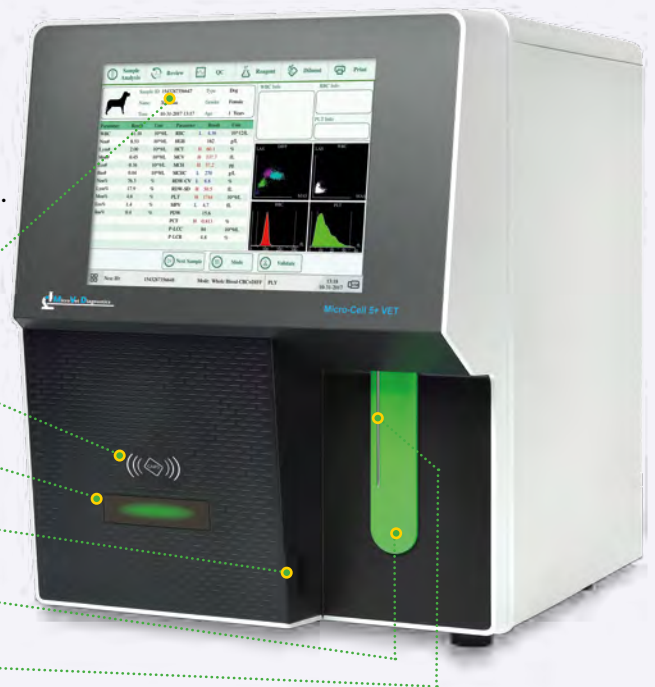


Micro-Cell 5+ VET

Veterinary hematology analyzer that reports a true 5-part CBC differential. Results include 25 parameters with 2 histograms and 4 scattergrams.

Highest Performance Standards Required for any In-Hospital Hematology System

- 10.4" LCD touch screen
- Reagent card reading area
- Status Indicator
- Built-in bar code scanner
- Test key
- Sample probe



LATEST INNOVATION

- ▶ Tri-angle laser scattering and flow cytometry.
- ▶ Diff lyse added to differentiate 4 kinds of WBCs (Lym, Mono, Neut and Eos).
- ▶ LH lyse to differentiate Baso and count WBC total amount.
- ▶ Surrounded by sheath fluid, blood cells pass through the flow cell one by one at high speed.
- ▶ While passing through the cells are exposed to a laser beam, the intensity of the scatter reflects the cell size and cellular density.

PROVEN TECHNOLOGY

IMPEDANCE AND COLORIMETRIC

The count principle of the instrument is based on the measurement of change in electrical resistance produced by the blood cells. Adding lyse in the blood, the red blood cell will rapidly be broken down and release hemoglobin. Then the hemoglobin is measured spectrophotometrically.

Specifications

Principle:	Triangle laser scatter, flow cytometry, impedance, cyanide-free HGB
Parameters:	25 parameters with 2 histograms and 4 scattergrams
Throughput:	60 samples per hour
Calibration:	Manual and auto-calibration
Sample volume:	20ul
Reagents	3 reagents (2 lyses & 1 diluent)
Printout:	Customizable to built-in thermal printer or external printer
Sample mode:	Open mode
Maintenance:	Auto-cleaning of probes and tubing
Interface:	4 USB ports, 1 LAN port, HL7 protocol to support LIS
Blockage clear:	High voltage, high pressure flush
Power:	AC 100-240v, 50/60 1Hz
Dimensions:	L430mm x W350mm x H435mm
Storage:	60,000 samples with scattergrams and histograms

Performance	
Parameters:	Precision:
WBC	≤ 3.0%
RBC	≤ 2.0%
HGB	≤ 2.0%
MCV	≤ 1.0%
PLT	≤ 6.0%
Parameters:	Linearity Range:
WBC	40 - 100.0 x 10 ⁹ /L
RBC	0 - 17.00 x 10 ¹² /L
HGB	0 - 250 dg/L
PLT	0 - 3000 x 10 ⁹ /L
Measured Parameters:	
WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, LIC%, LIC#, ALY%, ALY#	
4 DIFF scatter grams and 1 BASO scatter gram, 2 histograms	

i-Smart 30 Vet

The i-Smart 30 Vet Electrolyte Analyzer is a state-of-the-art analyzer which provides fast and accurate results for Na, K, Cl, and iCa.



Fast and Accurate

- ▷ Tests NA, K, Cl, and iCa
- ▷ 60µl sample volume
- ▷ Results in 35 seconds
- ▷ Specific species ranges
- ▷ No user maintenance
- ▷ Autocalibration
- ▷ All-in-one cartridge



Healvet

Portable veterinary coagulation system

- ▷ Provides canine, feline, and equine reference range
- ▷ Large capacity storage: up to 300 sample results
- ▷ Reagents stored at room temperature and are valid for 18 months
- ▷ Automatic calibration
- ▷ Gold standard optical and mechanical coagulation methods
- ▷ 20µl whole blood or plasma with immediate test results
- ▷ Simple operation and maintenance free



Tests provided:

- ▷ Fibrinogen (FIB)
- ▷ Activated Clotting Time (ACT)
- ▷ Prothrombin Time (Pt)
- ▷ Activated Partial Thromboplastin Time (aPtt)
- ▷ Thrombin Time (TT)

Micro-Cube

Immunoassay System

- ▷ Fully automated analysis
- ▷ Integrated QC self-test
- ▷ Android app-based operation (included)
- ▷ Quick data entry with pictographs
- ▷ Pre-set calibration curve
- ▷ Identifies lot expiration date
- ▷ Identifies remaining number of tests
- ▷ Weight: 5.3 lbs.
- ▷ Dimensions: 6.3 x 5.1 x 5.7 inches
- ▷ Optional printer available
- ▷ Results in 6 minutes

Assays available:

- ▷ cCRP
- ▷ Fructosamine
- ▷ T4
- ▷ SAA
- ▷ SDMA
- ▷ Pancreatic Lipase
- ▷ Phenobarbital
- ▷ cProgesterone
- ▷ Cortisol
- ▷ EQ Progesterone



The Micro-Cube is an easy-to-use, one-step, walk-away system that delivers precise results in 6 minutes.

InSight Urinalysis

The InSight Urinalysis reader is a semi-automated urine test strip reader with touch screen and printer to be used in conjunction with InSight Urine Test Strips.

Dip the strip into the urine and place it on the strip loader.

Results reported in 60 seconds.

UA Test Strips:

Urobilinogen	Specific Gravity	Creatinine
Glucose	Blood	Nitrate
Bilirubin	pH	leukocytes with
Ketones	Protein	urine protein / creatinine ratio

Microalbumin/Creatinine Test Strips:

microalbumin and Creatinine
With Microalbumin/Creatinine Ratio



H&H Rapid Meter

Hematocrit & Hemoglobin

The InSight Hct & Hgb meter is a low cost handheld meter for the measurement of canine, feline and equine hematocrit and hemoglobin in capillary and venous whole blood.

- ▶ Accurate and precise
- ▶ Handheld
- ▶ 30-second test time
- ▶ One drop whole blood (venous, capillary, or EDTA)
- ▶ Stores 250 results
- ▶ HCT results reported as %
- ▶ Room temperature strip storage
- ▶ LCD Screen



L-Pet Vet Lactate Rapid Meter

An easy to use handheld Lactate Meter providing blood lactate results in just 45 seconds. Only requires a small drop of blood (3µl). The strip draws the blood in then measures using an advanced biosensor specific for lactate concentration in blood.

- ▶ Advanced Biosensor Test Strips
- ▶ Small sample size (3µl)
- ▶ Results in less than 45 seconds
- ▶ Large LCD display
- ▶ Stores up to 300 results
- ▶ Easy operation/Portable
- ▶ Specific Lactate Analyzer QC Material Available



Color-Spot

Chromogenic Microbiology Culture Identification & Sensitivity System

A simple and cost-effective in-house Microbiology testing program. Identify the organism in 18 to 24 hours, test for sensitivity, and institute the appropriate antimicrobial therapy sooner.



- ▶ Identifies gram positive, gram negative, and yeast.
- ▶ Using the color of the growth and gram status, speciate the organism
- ▶ Test for sensitivity using 7 different AST rings with preselected antibiotics or customize your choices with over 40 different antibiotics.
- ▶ Eliminates antimicrobial therapy when not indicated.
- ▶ Quickly identify between yeast or bacterial infections of the ear

MicroLink

Micro-Link: Centralized Management System

Micro-Link connects your laboratory analyzers into one easy-to-use laboratory information system that then communicates with your Practice Management System (PIMS).

Exclusive Lab Pack Promotion!

Purchase a Micro-Chem II, Micro-Cell 5+ VET, and Micro-Cube for only \$28,000.

Plus receive the following free:

- ▷ Your choice of 1 pack of Micro-Chem Rotors
- ▷ A Micro-Cell Hematology Reagent Set-Up
- ▷ Your choice of 2 Micro-Cube Immunoassay Test Kits
- ▷ One year of Micro-Link middle ware access



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