



• Life is a **treasure** •



PRODUCTS CATALOGUE VETERINARY

- HAEMATOLOGY • CLINICAL CHEMISTRY
- PARASITOLOGY SYSTEM • URINALYSIS SYSTEM

Mythic™ 18 Vet

Fully automated 18 parameters haematology analyzer dedicated for Vet Application

Low reagent consumption

Low blood sample volume

Less maintenance

Only analysis of 9.8 µl peripheral blood
(just goals for small animals)

Test result in less than a minute

Low cost of marking



Technical specifications

Throughput	60 samples per hour
Sample volume	< 10 µl
Pack of reagents	Cyanide free (up to 150 tests per pack)
Technology	<ul style="list-style-type: none">• Impedance (WBC, RBC, PLT)• Spectrophotometry (HGB)
18 parameters	WBC, LYM% and #, MON% and #, GRA #, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PCT, PDW
Curves	RBC Curve, WBC curve, PLT curve
Dimensions	250 x 340 x 350 mm (W x D x H)
Weight	9 kg
Power	<ul style="list-style-type: none">• 90 to 250 V• 50 to 60 Hz• Less than 50 VA
External printers	<ul style="list-style-type: none">• Dot matrix printer• Thermal printer• Monochrome inkjet printer• Monochrome laser printer
User's interface	<ul style="list-style-type: none">• TFT colour touchscreen• Built-in numerical keyboard
Output	<ul style="list-style-type: none">• RS232• Ethernet (UDP/IP, TCP/IP protocol)• 2 USB port• Centronics port• Barcode scanner port

Graphic interface	Menu with icons for direct access to main species
Available species	Dog, cat, horse, cattle Other species can be setup individually
Multilanguage	Bulgarian, Brazilian Portuguese, Chinese, Deutsch, English, French, Italian, Magyar, Polish, Portuguese, Romanian, Russian, Serbian, Spanish
Calibration	Automatic or manual
Quality control	<ul style="list-style-type: none">• 6 batches: 100 run/batch• Table and Levey Jennings graphs
Archives	<ul style="list-style-type: none">• Internal memory: 1500 patients• Mass storage (USB): up to 60 000 patients
Traceability	<ul style="list-style-type: none">• Patient identification: name, patient ID, sample ID• Daily log• Reagents monitoring: lot number, expiry date, volume• Service log
Flagging	<ul style="list-style-type: none">• Pathologic ags• Lab limits• Reagent alerts• Instrument alerts

ACCENT-220S

Clinical Chemistry Analyzer

Up to 220 tests/hour without ISE

Flexible configuration for sample/reagent positions

Liquid level detection & collision protection

Automatic dilution for abnormal sample



Optimum calibration curve

Linear curve types: One-point linear, Two-point linear and Multi-point linear.

Nonlinear curve types: Logit-Log 4P, Logit-Log 5P, Exponential 5P, Polynomial 5P, Parabola and Spline

Flexible sample / reagent tray

Up to 33 positions for samples and up to 35 positions for reagents.

Up to 20/10 virtual sample/reagent disk can be programmed.

24 hour non-stop cooling with Peltier elements.



Dynamic and Real-time display of running status

Running status of reagent/sample tray and reaction tray. Real-time monitoring of reagent residual volume. Real-time diagnosis of system working status.



High performance mixer design

Avoid cross contamination. Thoroughly mixes after dispensing of sample or second reagent.

Disposable reaction cuvettes

Disposable cuvettes to avoid carry-over.

Automatic cuvettes blank testing to assure precise results.



ACCENT-220S

Clinical Chemistry Analyzer

Technical specifications

System Function		Reaction temperature	37°C ± -0,1°C
Model	automatic, random access, STAT sample priority	Mixing system	independent mixing bar
Throughput	• 100-220 tests/hour without ISE (depends on parameters)	Optical system	
Measuring principles	colorimetry, turbidimetry	Light Source	halogen-tungsten lamp
		Measurement range	0 ~ 3,5 A
		Wavelength	340 nm, 405 nm, 450 nm, 510 nm, 546 nm, 578 nm, 630 nm, 670 nm
Methodology	<ul style="list-style-type: none"> • end-point, fixed-time, kinetic, • single/dual reagent chemistries • monochromatic/biochromatic • linear/non-linear multipoint calibration 	Control and Calibration	
Programming	open system with user defined profiles and calculation chemistries	Calibration mode	nonlinear (Logit-Log 4P, Logit-Log 5P, Exponential 5P, Polynomial 5P, Parabola and Spline)
Sample /Reagent Handling		Control rules	Westgard multi-rule, Cumulative sum check, Twin plot
Sample tray	up to 33 positions for samples (8 positions in standard)	Operation system	Windows* XP Professional/Home SP2, Windows* VISTA Home/Business
Reagent tray	up to 35 positions for reagents (28 positions in standard)	Water consumption	≤2,5l/hour
Reagent/Sample probe	liquid level detection, collision protection and inventory checking	Interface	RS-232
Probe cleaning	<ul style="list-style-type: none"> • automatic washing both interior and exterior • carry-over < 0,1% 	Temperature	15-30°C
Automatic sample dilution	<ul style="list-style-type: none"> • pre-dilution and post-dilution • dilution ratio up to 1:150 	Dimension	
Sample volume	3 µl-45 µl, step by 0.5 µl	Width	690 mm
Reagent volume	5-450 µl, step by 1 µl	Depth	570 mm
Reaction volume	150-500 µl	Height	595 mm
Reaction System		Weight	75 kg
Reaction rotor	Rotating tray, containing 40 cuvettes	Available parameters on Accent 220S	
Optical path of reaction cuvette	5 mm	α-Amylase	dTIBC
Reaction volume	150-500µl	ACP	Ferrum
		Albumin	Glucose
		ALP	GGT
		ALT	HDL Direct
		AST	Lactate
		Bile acid	LDL Direct
		Bilirubin (total and direct)	LDH
		Calcium	Lipase
		Cholesterol	Magnesium
		Cholinesterase	Phosphorus
		CK	Total protein
		CK-MB	Triglyceride
		Creatinine	Uric acid
		C-reactive protein	Urea
			Urine Protein

MULTI +

Semi-Automated Clinical Chemistry Analyzer

Easy to use Windows operation system with large touch-screen

Large memory, USB port for data transfer

The possibility of using a flow cell and disposable cuvettes

Unlimited possibilities of the optical system

Continuously adjustable grating, 1nm by step adjustment



Model	Semi-automated chemistry analyzer	Reaction cuvette	Flow-cell or plastic disposable cuvettes
Measuring principles	<ul style="list-style-type: none"> • Colorimetry • Turbidimetry 	Operating temperature	25, 30, 37 °C, or ambient temperature
Methodology	<ul style="list-style-type: none"> • End-point, Two points (fixed-time), Kinetic, • Monochromatic / Bichromatic 	Memory	200 test protocols, up to 10000 test results
Programming	Open system	Operation system	Windows system software platform
Report	Print synthetic report, test parameter, reaction curve, calibration curve, quality control data figure	Print	Internal or external printer
Light sources	Halogen-tungsten lamp	Display	Liquid crystal display
Absorbance range	-0.5 - 3.5 A	Power supply	110/220V, 50 Hz/60Hz, 80VA
Resolution	<ul style="list-style-type: none"> • 0,0001 Abs (Internal calculation) • 0,001 Abs (Display) 	Temperature	0 - 40 °C
Photometer	Rotate plane grating spectroscopic system	Humidity	≤ 85%
Wavelength	330-800 nm, , step by 1 nm	Dimension	370 x 284 x 318 mm (L x W x H)
		Weight	10 kg

Paraclin® S

Disposable Parasitology System

Formalin free fixative

High clarity of sediment for microscopic examination

Well preserved morphology of cysts and eggs

Quick procedure

Closed system	The collection tube with a spoon and glass beads to homogenise the sample. The closed system avoids spills, smell and sample contamination.
Double filter	The two filters in the tube: 250 µm and 400 µm produce a clean sediment and allow the optimal recovery of parasites.
Centrifuge filtration	The filtration is performed during the centrifugation, which eliminates the need of adding Ethyl Acetate.



Cat number F-099 Tests per kit 150 Shelf life 3 years

Uri Tex VET

Semi-Automated
Urinalysis System

- Compact size
- Results after 60 s
- Simple operation by touchscreen
- Memory: 2000 results – easy check of the animals past results using animal ID
- Result printing: via PC or external printer (optional)



URI TEX VET 10 Strips

Parameters:

- Glucose
- Protein
- pH
- Blood
- Ketone (acetoacetic acid)
- Specific gravity
- Nitrite
- Urobilinogen
- Leukocytes
- Bilirubin

Catalogue no. **X - 943**



URI TEX VET 2AC

Strips for diagnosis
of early stage of kidney diseases

Parameters:

- Microalbumin
- Creatinine

Catalogue no. **X - 942**



BHB MILK

Strips for Ketosis test
in dairy cows
(manual read only)

Parameters:

- BHB (B-Hydroxybutyrate)

Catalogue no. **X - 944**

Specifications are correct at the time of printing: 01/2018



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