



VETERINARY CHEMISTRY ANALYSER



Key Features

- Compact, benchtop size
- Performs up to 15 biochemistry tests simultaneously
- Performs up to 3 single/dual tests simultaneously
- Highly accurate test results in under 15 minutes
- Precision equal to larger laboratory analyser
- Easy and quick operation
- Integrates to practice management systems
- No specialised training required
- LCD colour touch screen
- Stores up to 50,000 results
- Species specific reference ranges
- No maintenance required
- 2 year warranty

Panel and Single/Dual parameter testing available

Fast & Reliable

- Performs up to 15 biochemistry tests simultaneously
- Performs up to 3 single/dual tests simultaneously
- High accuracy at Point-Of-Care (POC)
- High level of precision

Fully Automatic Test

- Built in printer
- Fully automatic system with walk away operation
- Built in QC and calibration for each test

No Sample Pre-Treatment

- Single-use reagent discs
- Panels and single tests available
- 200µl whole blood, serum or plasma

1. Add sample



2. Place in analyser



3. Read result



Parameters Available

ALB, ALP, ALT, AMY, AST, BUN, Ca, Cl⁻, CREA, CPK, GGT, GLU, K⁺, Na⁺, PHOS, TBIL, CHOL, TP, B Acids, T4, Mg, UA, TCO₂, TRIG, LAC, FRU, LIPA, UCRE, UPRO, GLOB*, A/G*, Na⁺/K⁺, BUN/CREA*, UPC*, UREA*

*CALCULATED

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VETERINARY CHEMISTRY ANALYSER

VB1 Panel Test Portfolio :

* Developing Items

Profile	Analytes	ALP	ALT	AST	BUN	CREA	GLU	ALB	TP	TBIL	AMY	Ca	PHOS	Na	K	Cl	BA	GGT	CPK	CHOL	TRIG	tCO2	others
Praenesthetic Panel 900-100	7	ALP	ALT		BUN	CREA	GLU	ALB	TP														
Renal Panel 900-110	9				BUN	CREA		ALB				Ca	PHOS	Na	K	Cl						tCO2	
Diagnosis Panel 900-120	13	ALP	ALT	AST	BUN	CREA	GLU	ALB	TP	TBIL	AMY	Ca	PHOS							CHOL			
Liver Panel 900-130	8	ALP	ALT	AST	BUN			ALB	TP	TBIL								GGT					
Diagnosis Plus Panel 900-140	13	ALP	ALT		BUN	CREA	GLU	ALB	TP	TBIL	AMY	Ca	PHOS	Na	K								
Equine Panel 900-150	14	ALP		AST	BUN	CREA	GLU	ALB	TP	TBIL		Ca		Na	K			GGT	CPK			tCO2	
Thyroid/T4 Panel 900-160	2																			CHOL			T4
Large Animal Panel 900-170	14	ALP		AST	BUN		GLU	ALB	TP			Ca	PHOS	Na	K	Cl		GGT	CPK				Mg
Live Plus Panel 900-180	10	ALP	ALT	AST	BUN			ALB	TP	TBIL							BA	GGT		CHOL			
Avian & Reptile Panel 900-190	12			AST			GLU	ALB	TP			Ca	PHOS	Na	K	Cl	BA		CPK				UA
Diabetes Panel* 900-300	4						GLU													CHOL	TRIG		FRU*
Electrolytes Panel 900-310	4													Na	K	Cl						tCO2	
Diagnosis-II Panel 900-320	14	ALP	ALT		BUN	CREA	GLU	ALB	TP	TBIL	AMY	Ca	PHOS					GGT		CHOL			LIPA
Critical Care Panel* 900-330	14	ALP	ALT		BUN	CREA	GLU	ALB	TP	TBIL		Ca		Na	K	Cl						tCO2	LAC

Point-of-Care Clinical Chemistry Analyser

Single/Dual Parameters Available

Single Test

- CREA
- Cl⁻
- AMY
- BUN
- TBIL
- LAC

Dual Test

- Na⁺ & K⁺
- PHOS & Ca
- CHOL + TRIG
- GGT & CPK
- ALT & ALP
- ALB & TP

- AST & CPK
- LIPA & AMY
- UPC Kit (UPRO & UCRE)

Specification

Principle

Test Method: Optical Absorption, End-Point, Kinetic
 Photometric System: 340nm ~ 940nm wavelengths
 Assay Accuracy: Follows CLIA and CLSI standards

Samples & Reagent

Sample Type & Volume: 200µl Whole Blood, Plasma or Serum
 Reagent Disc: Single use, self-contained reagent. Up to 15 assays in a rotor. Panels and single tests.
 Reagent QC & Calibration: Contained within built-in Reagent Disc

System Design

User Interface: Touch screen 5 inch Full Colour LCD (480 x 272 pixels)
 Internal Memory: Store up to 50,000 results
 Internal Printer: Thermal printer with 58mm width paper
 Rear panels Sockets: USB for Bar Code Scanner or External Printer
 Interfacing: USB, RS232, LAN

Working Condition

Analysing Time: Less than 15 minutes
 Power Supply: AC adaptor Input: 100 ~ 240V, 50/60Hz, Rating 1.4A Output: 12V.5A

Dimension Weight

300mm (H) x 223mm (W) x 285mm (D)
 5.5Kg

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