



VETERINARY AUTOMATED CHEMISTRY ANALYZER

—
Closer to Diagnosis
Closer to Companion



CLOSER TO **DIAGNOSIS** CLOSER TO **COMPANION**

Founded in 2012, Chengdu seamaty Technology Co., Ltd specializes in the Research & Development , production and marketing of POCT chemistry analyzers. Seamaty is accredited as a high-tech enterprise by the Sichuan provincial government .Our standard GMP plants which are certified by TUV for ISO13485:2016 develops and manufactures our CE listed products. Acknowledged and recognized by the Chinese Government as a high-tech enterprise. Seamaty has registered many intellectual property and patent for inventions.

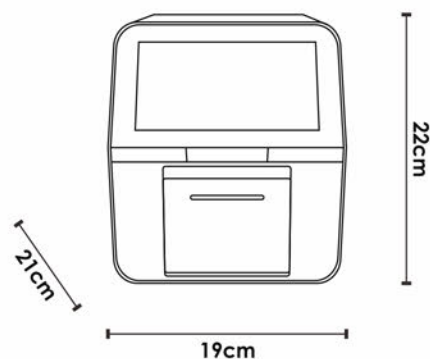
We currently distribute to over 70 countries around the world including many European countries.



Vet

Specifications

Sample volume:	90–120ul
Bar code:	Two-dimensional bar code
Testing time:	12minutes/sample
Temperature:	37°C ± 0.2°C
Resolution:	0.001Abs
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:	AC100V-240V, 50-60Hz
Power:	Output: 15 7.0a, 105W MAX
Display:	Android 6.5 inch 800*480, multi-point capacitive touch screen
Storage:	4G, > 100,000 results
Printer:	Built-in thermal printer
Connectors:	2 USB ports
Order code:	A00120VETEN0



SMT-120V

SMT-120V is a completely new chemistry, electrolyte, immunoassay and coagulation analyser for animal health diagnosis producing accurate reference laboratory quality results.



Single test up to 25 parameters



12 minutes to results



Improved user experience

Small sample volume

Sample volume required for analysis is only 1/10-1/20 when compared to traditional chemistry analyzers.

Easy to Carry

5kg. The analyzer was designed to be portable and have a small footprint, ensuring that it can be used anywhere at any time.

Less Maintenance

No maintenance consumables, such as tubing, pumps or valves required, which saves on maintenance expense.

Accurate Results

The SMT-120V analyzer utilizes the photometric colorimetric principle, which is superior to the dry chemistry analyzer using a light reflection principle. The accurate rotor mould guarantees consistent test sample and dilution volumes, eliminating random error and cross contamination.

EASY 3-STEPS OPERATION

Dilution, centrifugation, quality control and test result printing occur automatically as steps during the sample analysis process.



1. Insert Sample (100ul blood)

Whole blood sample requires no pre-treatment. Only 100ul of whole blood, serum or plasma required to complete the test.



2. Insert Rotor (12 minutes running)

Easy to use in a mobile setting or in the field. Key moving parts are original and sourced from US manufacturers. All fluids self-contained within the rotor, eliminating the need for internal pumps, valves and other vulnerable parts.



3. Read Result (immediately)

The photoelectric colorimetric principle utilized eliminates random error and cross contamination. The analyzer quality checks and calibration occurs automatically and in real time during analysis.

Quick Accurate Diagnosis for Vet



VETERINARY ROTOR PROFILE & ORDER CODE

			Albumin	Alkaline phosphatase	Alanine aminotransferase	Amylase	Aspartate aminotransferase	Calcium	Cholesterol	Chloride	Creatine kinase	Creatinine	Glucose	Gamma glutamyltransferase	Potassium	Lactate dehydrogenase	Lipase	Magnesium	Sodium	Phosphorus	Bile Acids	Total Bilirubin	Total Cholesterol	Bicarbonate	Triglycerides	Total protein	Uric Acid	Urea nitrogen	C-reactive protein	Prothrombin	Activated partial thromboplastin	Thrombin	Fibrinog	Feline serum amyloid	Albumin/ Globulin	Urea nitrogen/ Creatinine	Glob*	
Analyte (Full Name)	ALB	ALP	ALT	AMY	AST	Ca	CHE	Cl ⁻	CK	Crea	GLU	GGT	K ⁺	LDH	LPS	Mg ²⁺	Na ⁺	PHOS	TBA	TB	TC	TCO2	TG	TP	UA	BUN	c-CRP	PT	APTT	TT	FIB	fSAA	A/G*	B/C*	GLOB*			
Comprehensive Test #AW00704	●	●	●	●			●			●	●		●				●				●					●	●	●								●	●	●
Health Check #AW00085	●		●	●	●	●			●	●	●							●		●				●	●		●									●	●	●
Liver Function #AW00087	●	●	●		●							●							●	●	●				●										●			
Kidney Function #AW00198	●					●				●	●							●					●			●	●										●	
Electrolyte #AW00234						●		●					●			●	●	●					●															
Primary Diagnostic #AW00686	●	●	●							●	●														●		●									●	●	●
Emergency Diagnostic #AW00254			●	●			●	●		●	●		●				●						●				●		●								●	
Pre-operation #AW00235		●	●		●				●	●	●			●											●		●										●	
Canine Inflammation #AW00470				●						●						●												●	●								●	
Coagulation #AW00650																													●	●	●	●						
Feline Inflammation #AW00738		●							●										●					●		●							●					

DISPOSABLE REAGENT DISC



11 Veterinary Chemistry
Profiles with 35 Parameters
in One Solution

The single use plastic rotor contains freeze-dried reagents and diluent with a 12 month shelf-life when stored at 2-8°C. The QR code not only contains the basic information of the rotor, but also has the functionality of initializing a system update and set the zone codes.

Distributed By

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**QUADRATES
DIAGNOSTICS**

Vet

