

VG1

Veterinary Blood Gas & Electrolyte Analyzer



*A handheld veterinary blood analyzer
that delivers lab-quality, diagnostic
results in minutes.*



VG1 Veterinary Blood Gas & Electrolyte Analyzer

The Seamaty VG1 is an easy-to-use handheld veterinary analyzer with accurate blood gas, electrolyte, and critical care biochemistry results in just a few minutes, and allows you to do the diagnosis anywhere.



Easy operation

Testing can be performed in 3 simple steps with only 2 or 3 drops of whole blood.



Patient care

Get accurate results in 4 minutes at the patient's side to enable rapid decision-making, and optimize patient-care.



Multi-parameter card

Single-use test card offer a broad menu of tests on a single, portable platform. Each test card has a unique combination of biosensors to suit a wide range of clinical needs.



Handheld portability

Lightweight with a built-in battery allowing diagnosis at the point of care, patient side, out in the field, or exam room.



Reader

Sample	Arterial or venous whole blood	Sample volume	100 µL
Bar code	QR code	QC & calibrate	IQC (Intelligent Quality Control)
Display	4.3 IPS touch screen	Connectors	Type-c
Power	5V 2A	Battery	3.7V, 5000mAh
Printer	Built-in thermal printer	Operating temperature	Temperature: 5 - 32 °C; Relative humidity ≤85%;
Weight	600g		



Test Card

*Calculated parameters
#Under development parameters

Measured Parameters				Calculated Parameters		
pH	pCO ₂	K ⁺	pO ₂	TCO ₂ *	AG*	cHCO ₃ ⁻ *
Na ⁺	Ca ²⁺	Cl ⁻	Hct	BE(ecf)*	cSO ₂ *	BE(b)*
Lac	Glu	BUN#	Crea#	cHgb*		

seamaty

Chengdu Seamaty Technology Co., Ltd.

+86-28-6023 2039

www.seamaty.com

Address: No.333, Hezuo Road,
Hi-Tech Zone, Chengdu,
611731 CN

sales@seamaty.com