PET life™

PETlife Veterinary Blood Gas Analyzer

XQ-101

Convenience: Temperature regulation to meet clinical needs
Efficient: rapid 70s run time for all parameters
Less usage: 80μL whole blood sample
Intelligent: Built-in training video
Maintenance free
Longer validity period: Reagent card 12 months in 39-86°F, reagent pack 6 months at 35-46 F

Electrolyte Basic Blood-Gas
Metabolin Renal Function

Comprehensive test menu

Basic blood gas: pH, pCO2, pO2
Hematology: Hct
Electrolyte: K^+, Na^+, Ca^{++}, Cl^-
Metabolite: glucose, lactose (New Items)

Wider sample selection

Whole blood (arterial blood, venous blood, capillary blood)

Testing packages

	pH	pCo_2	pO_2	K^+	Na^+	Ca^{++}	Cl^-	Hct	GLU	LAC
BGDR-10	*	*	*	*	*	*	*	*	*	*

10 measurement items +23 calculation items

MEASUREMENT PARAMETERS									
pH	pCo_2	pO_2	K^+	Na^+	Ca^{++}	Cl^-	Hct	GLU	LAC

CALCULATION PARAMETERS											
cH^+	$cH^+(T)$	pH(T)	$pCO_2(T)$	$pO_2(T)$	HCO_3^-act	HCO_3^-std	BB(B)	BE(B)	BE(ecf)	$ctCO_2$	$Ca^{++}(7$
AnGap	tHb(est)	SO_2(est)	pO_2(A-a)	pO_2(A-a)(T)	pO_2(A/a)	pO_2(A/a)(T)	RI	RI(T)	pO_2/FIO_2	$pO_2(T)/FIO_2$	

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Test card

Disposable test card, no cross contamination, safe and reliable, normal temperature preservation, valid for **9 months**, refrigerated for up to **12 months**

Reagent package

Refrigerated for **12 month** validity, and guaranteed valid in the instrument for **60 days**

Analyzer

Small and easy-to-carry, the total weight is 11lb
8 hours of standby or 50 tests for 1 charge

Quality control package

Internal electronic quality control
External simulation quality control
Auxiliary quality control liquid

Recommended Scope of Application:

Respiratory support

Obvious or suspected severe respiratory disorder
Diagnosis and classification of hypoxemia and respiratory failure
Differential diagnosis of dyspnea
Observation on the effect of respiratory related treatment
Application, adjustment and weaning of ventilator

Intensive care

Surgical indication
Intraoperative respiratory/internal homeostasis monitoring
Postoperative monitoring
Prognosis analysis of critically ill patients

Symptomatic treatment

Hypoxic clinical symptoms or related etiological history

Systemic or local perfusion, tissue ischemia

Severe trauma, massive blood loss, shock or coma

Suspected risk of electrolyte imbalance

Judgment and specific analysis of acid-base imbalance

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