

HC-120VP POCT Automated Biochemistry Analyzer (Veterinary)



Features

HC-1200VP realizes the miniaturization and automation of the analyzer by microfluidic technology. It has a built-in intelligent quality control system, test results are accurate and reliable, the analyzer is easy to operate and take up little space. It is an ideal diagnostic tool to help veterinarians assess the health of animals and it has become the professional choice of thousands of veterinary hospitals and clinics.

Advantages

1.Small and portable:small size

weight only 4 KG,small footprint and can be carried anywhere.

2.Easy to use

Only need to add samples, it's easy to operate. No need to add diluent manually.

3.Small sample volume

The sample volume is only 100μl, Easy to do test for small animals and exotic animals.

4. One analyzer for multiple uses

Covers biochemistry ,electrolyte,coagulation,feline and canine,inflammation detection (c-CRP,f-SAA).

5. Consumable advantages

Freeze-dried reagents with 15-month shelf-life, Original disc microfluidic technology to avoid cross-contamination.Autonomous ultrasonic welding , the quality is more guaranteed.

6. Maintenance

Imported key ports, no internal pumps, valves and other vulnerable parts.

Warranty terms vary by model and order.

Technical Specifications

PARAMETERS	SPECIFICATIONS
Sample Volume	90-120μl
Sample Type	Anti-coagulated whole blood, serum, plasma
Bar Code	Two-dimensional bar code
Storage	MAX 500.000 results
Temperature	37±0.3°C
Resolution	0.001Abs
Testing Method	End point, kinetic, fixed time and turbidimetry
Operational Environment	Temperature: 10-30°C, Humidity: ≤85%
Light Source	12V/20W, halogen tungsten lamp's life span is over 2500 hours
Power	AC 100-240V, 50/60Hz
Weight	4Kg
Testing Principle	Absorption spectroscopy, transmission turbidimetry
Printer	Built-in thermal printer
QC&Calibrate	Real time full-auto finish
Order Code	A00121VETENO
Absorbance	0-3.0Abs
Display	Android 7.0 inch 800*480, multi-point capacitive touch screen
Connectors	2 USB ports
Language	English, Italian, Portuguese, Russian, Spanish, Deutsch, French
Rated Power	100VA

Easy 3-steps Operation

Dilution, centrifugation, quality control and test result printing occur automatically as steps

During the sample analysis process.

01 Insert Sample (100μl blood)

Whole blood sample do not require pre-treatment

A full test is available with only 100 μl of whole blood , serum or plasma.

02 Insert Rotor (12 minutes to result)

Key moving parts are original and sourced from US manufacturer. All fluids are self-contained within the rotor, eliminating the need for internal pumps, valves and other vulnerable parts.

03 Read Result (immediately)

Analyzer quality control and calibration are automatically carried out in real time during the analysis process. Use the photoelectric colorimetric principle to eliminate random error and cross contamination.

Veterinary Rotor Profile&Order Code**8 Feline Inflammation****Order Code:AW01181**

Parameters (with * are calculated value):

ALB ALP Crea GGT LPS TBA BUN f-SAA B/C*

5 Canine Inflammation**Order Code:AW00470**

Parameters (with * are calculated value):

AMY Crea LPS BUN c-CRP B/C*

4 Coagulation Parameters**Order Code:AW00650**

Parameters

PT APTT TT Fib

9 Diabetes Test Parameters**Order Code:AW01364**

Parameters

ALT AMY AST GLU LPS TC TG L AC FRU

10 Primary Diagnostic**Order Code:AW00686**

Parameters (with * are calculated value):

ALB ALP ALT Crea GLU TPB UN A/G* B/C* GLOB*

9 Pre-operation Test Parameters**Order Code:AW00235**

Parameters (with * are calculated value):

ALP ALT AST CK Crea GLU LDH TP BUN B/C*

8 Kidney Function Parameters**Order Code:AW00198**

Parameters (with * are calculated value):

ALB Ca Crea GLU PHOS tCO2 UA BUN B/C*

9 Liver Function Parameters**Order Code:AW00087**

Parameters (with * are calculated value):

ALB ALP ALT AST GGT TBA TB TC TP A/G* GLOB*

23 Comprehensive Plus Test

Order Code:AW01367

Parameters (with * are calculated value):

ALB ALP ALT AMY AST Ca CK Crea GLU GGT LDH LPS
PHOS TBA TB TC tCO2 TG TP BUN A/G* B/C* GLOB*

13 Comprehensive Diagnostic Parameters

Order Code:AW00704

Parameters (with * are calculated value):

ALB ALP ALT AMY CHE K+ N+ Crea GLU TB TP UA
BUN A/G* B/C* GLOB*

13 Health Check Parameters

Order Code:AW00085

Parameters (with * are calculated value):

ALB ALT AMY AST GLU CK Ca Crea BUN TB TG TP
PHOS A/G* B/C* GLOB*

9 Electrolyte Plus Parameters

Order Code:AW01073

Parameters

Ca Cl- K+ Mg Na+ PHOS tCO2 PH LAC

Ammonia Test Paramters

Order Code:AW01815

Parameters

NH3

7 Electrolyte Parameters

Order Code:AW00234

Parameters

Ca Cl- K+ Mg Na+ PHOS tCO2

11 Exotic& Reptilian Animals Parameters

Order Code:AW00789

Parameters

ALB AST Ca CK GLU K+ Na+