

### 13 Electrolyte Plus Parameters

Order Code: **AW01985**

#### Parameters

Note: Parameters with \* are calculated values

BUN Ca Cl<sup>-</sup> K<sup>+</sup> Mg Na<sup>+</sup> PHOS tCO<sub>2</sub> pH LAC Crea GLU  
B/C\*

### 10 Pre-operation Test Parameters

Order Code: **AW01982**

#### Parameters

Note: Parameters with \* are calculated values

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

### 9 Kidney Function Parameters

Order Code: **AW02991**

#### Parameters

Note: Parameters with \* are calculated values

ALB Crea Ca GLU PHOS UA BUN tCO<sub>2</sub> B/C\* Cys C (canine)

### 11 Liver Function Parameters

Order Code: **AW01984**

#### Parameters

Note: Parameters with \* are calculated values

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

### Ammonia Parameter

Order Code: **AW01815**

#### Parameter

NH<sub>3</sub>

### 9 Diabetes Test Parameters

Order Code: **AW01364**

#### Parameters

ALT AMY AST GLU LPS TC TG LAC FRUC

### 13 Reptilian or Exotic Animals

Order Code: **AW01986**

#### Parameters

Note: Parameters with \* are calculated values

ALB AST Ca CK K<sup>+</sup> Na<sup>+</sup> PHOS TBA TP UA A/G\* GLOB\*  
GLU

### 12 Feline Inflammation

Order Code: **AW01987**

#### Parameters

Note: Parameters with \* are calculated values

f-SAA BUN Crea ALB LPS TBA ALP GGT TP A/G\* B/C\* GLOB\*

### 6 Canine Inflammation

Order Code: **AW02014**

#### Parameters

Note: Parameters with \* are calculated values

AMY Crea LPS BUN c-CRP B/C\*

### 4 Coagulation Parameters

Order Code: **AW00650**

#### Parameters

PT APTT TT Fib

## ● Test Menu of Sector Reagent Rotor

### 6 Primary Diagnostic Test

Note: Parameters with \* are calculated values

ALP ALT AST BUN Crea B/C\*

### 4 Kidney Function Test

Note: Parameters with \* are calculated values

PHOS BUN Crea B/C\*

### 3 Liver Function Test

ALT GGT TB

### 4 Diabetes Test

GLU FRU TC TG

### 6 Electrolyte Test

Note: Parameters with \* are calculated values

PHOS Cl<sup>-</sup> K<sup>+</sup> Na<sup>+</sup> Na/K\* Ca

### Single Test

ALT BUN Crea AST TBA

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## Qt3 Fully Automatic Veterinary Chemistry Analyzer

New design, compatible with two types of reagent rotors  
Precise and reliable



[www.seamaty.com](http://www.seamaty.com)

## Qt3 FULLY AUTOMATIC VETERINARY CHEMISTRY ANALYZER

Seamaty Qt3 is a chemistry analyzer based on microfluidic technology with innovative design. It is compatible with two types of reagent rotors: circular and sector, meeting the needs to run flexible tests from an individual parameter or a combination. This fully automatic chemistry analyzer is compact and easy to use, featured with a real-time quality control system to ensure the reliability of every test. The test menu provides flexible combination options, covering biochemistry, blood gas, electrolyte, coagulation, and inflammation. It is an ideal diagnostic tool for veterinary hospitals and clinics.



## EASY 4-STEP OPERATION

1. Add Sample



2. Place Rotor



3. Insert Rotor



4. Read Results



## ADVANTAGES



### Less sample volume

· Minimum 60µl whole blood required for a test, friendly and safe to small animals and exotic animals.



### Flexible

· Compatible with two types of reagent rotors;  
· Maximum run three tests at a time;  
· Choose from dozens of test panels to run no matter individual parameter tests or combination tests as you expected.



### Less maintenance

· No fluidics to reduce analyzer complexity and associated cost and maintenance.



### Small and portable

· The analyzer is small and lightweight which could save your laboratory space.



### All-in-one

· It covers tests for biochemistry, coagulation, blood gas, electrolyte and inflammation, meeting a wide range of veterinary diagnosis needs.



### Easy to use

· Advanced microfluidic technology to realize the whole test process automatically;  
· No professional operating skills are required, load and go operation;  
· Rapid result within 9-12 minutes.



### Accurate

· New design reagent rotor with patent technology to solve the cross-contamination of reagent parameters to ensure test results accurate and reliable;  
· Real-time QC system to check quality control on every test.

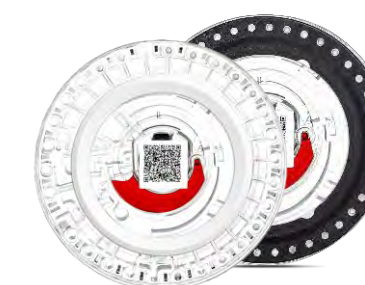
## SPECIFICATION

<b>Sample type</b>	Whole Blood, Serum, Plasma	<b>Input voltage</b>	100-240V~, 50/60Hz
<b>Barcode</b>	QR Code	<b>Rated power</b>	100VA
<b>Testing time</b>	9-12 minutes/sample	<b>Display</b>	7.0 inch multi-touch screen
<b>Sample volume</b>	100µl of circular rotor, 60µl of sector rotor	<b>Working condition</b>	Temperature: 10-30°C Humidity: ≤85%
<b>QC</b>	Intelligent QC	<b>Storage</b>	500,000 results
<b>Testing method</b>	Endpoint, kinetic, two-point method	<b>Printer</b>	Built-in thermal printer
<b>Temperature</b>	37±0.3°C	<b>Connectors</b>	4 USB ports, 1 LAN port
<b>Resolution</b>	0.001 Abs	<b>Net Weight</b>	4 Kg
<b>Testing principle</b>	Photoelectric colorimetry, absorption spectroscopy, transmission turbidimetry	<b>Dimension (L*W*H)</b>	190mm *220mm *280mm

## REAGENT ROTOR PROFILE

Compatible to circular reagent rotor and sector reagent rotor

Circular Reagent Rotor



Sector Reagent Rotor



## Test Menu of Circular Reagent Rotor

### 24 Comprehensive Test Plus

Order Code: **AW01980**

#### Parameters

Note: Parameters with \* are calculated values

ALB ALP ALT AMY AST Ca CK Crea GLU GGT LDH LPS  
PHOS TBA TB TC tCO<sub>2</sub> TG TP BUN UA A/G\* B/C\* GLOB\*

### 16 Comprehensive Diagnostic Parameters

Order Code: **AW02015**

#### Parameters

Note: Parameters with \* are calculated values

ALB ALP ALT AMY CHE K<sup>+</sup> Na<sup>+</sup> Crea GLU TB TP UA  
BUN A/G\* B/C\* GLOB\*

### 16 Health Check Parameters

Order Code: **AW01981**

#### Parameters

Note: Parameters with \* are calculated values

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

### 10 Primary Diagnostic

Order Code: **AW00686**

#### Parameters

Note: Parameters with \* are calculated values

ALB ALP ALT Crea GLU TP BUN A/G\* B/C\* GLOB\*