Vcheck C2

Streamlined Precision for Advanced Chemistry Analyzer



KEY FEATURES

- Broad test menu from single tests to 28+ panels
- Customizable testing with rotor combinations
- Supports whole blood, serum, and plasma
- Requires only 100 µL of sample
- Results within 12 minutes

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KEY FEATURE

Space-Saving Design

Compact size suitable for various clinical environment with seamless adaptability

Front-loading rotor design for efficient space use and improved accessibility

Flexible Sample Compatibility

Whole blood sample available without additional sample preparation

Supports canine, feline, and 18 exotic species across diverse clinical needs

Customizable Dual Rotor

Circular rotor: performs single tests up to 28+ parameters with broad test capability

Sector rotor: combines up to 3 sectors, offering tailored testing configurations

Proven Assay Performance

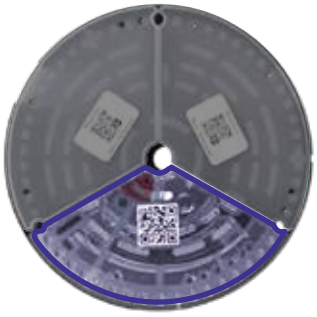
Built-in quality control system maintaining accuracy through real-time monitoring

Built-in printer, intuitive interface, and bidirectional EMR/LIS connectivity

Two Rotor Types

Circular Rotor		Rotor Type	Sector Rotor	
	13+	**Panels**	10+	
	Up to 28+	**Parameters per Panel**	Single to 6+	
	39+	**Total Parameters**	19+	
	100 µL	**Sample Volume**	60–120 µL	
	12 minutes	**Test Time**	10 minutes	

Flexible Test Combinations



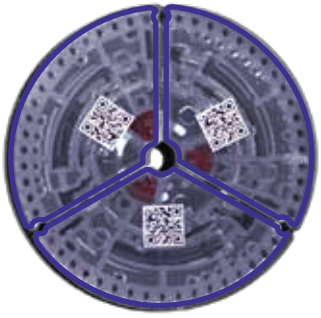
1 Panel

1 Sector Rotor + Solo-slot Carrier



2 Panels

2 Sector Rotors + Duo-slot Carrier



3 Panels

3 Sector Rotors + Carrier

ROTOR TYPE POCT CHEMISTRY

How Vcheck C Rotor Works

Sample Quantification

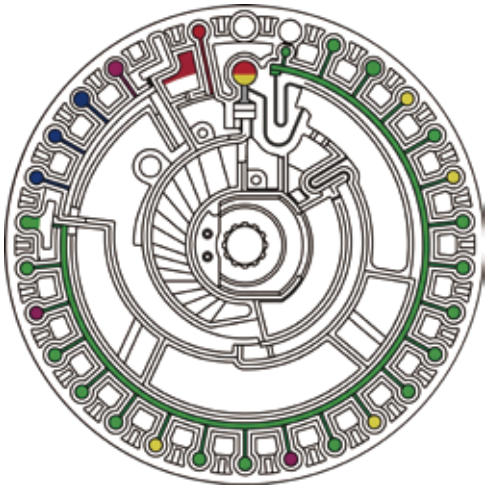
- Plasma or serum quantification via built-in centrifuge
- Precise mixing with diluent ensuring consistent preparation

Proven Results

- Automatic reagent recognition via 2D barcode
- Reliable results through a built-in quality control system

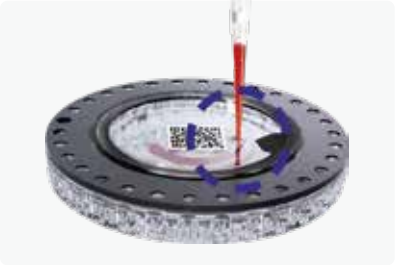
Result Verification

- Parameter-specific reagents contained in each well
- Concentration calculation via colorimetric analysis principle



Simple 3-STEP Test Procedure

1 Add sample



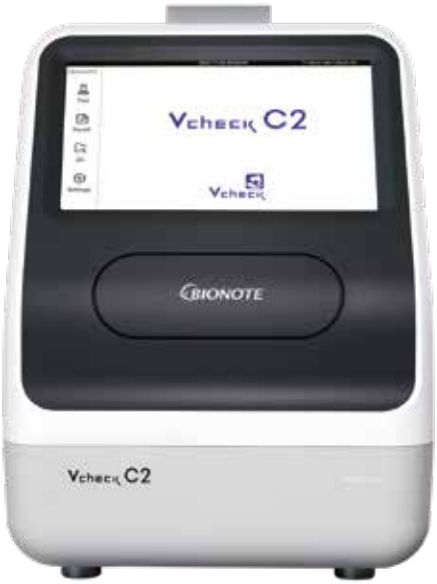
2 Insert rotor



3 Results in 12 minutes



SPECIFICATION



Category	Details
Analyzer Type	Chemistry
Sample Type	Whole blood, serum, plasma
Sample Volume	- Circular Rotor: 100 µL - Sector Rotor: 60–120 µL
Testing Time	10–12 minutes
Dimensions (mm)	210 x 263 x 280
Weight	4.2 kg
Samples per Run	Up to 3 Samples
Storage Capacity	Up to 500,000 Tests
Display	7.0-inch Touch Screen
Communication	USB, Ethernet, LAN port
Interface	LIS/HIS (HL7 Profile Support)
Input Voltage	AC 100–240 V, 50/60 Hz
Power Consumption	100 VA
Working Condition	- Temperature: 10–30 °C - Humidity: 0–85%

ORDERING INFORMATION

Analyzer

Category	Cat. No.	Packing Unit	Storage Condition
Vcheck C2	VC7724EA	1 EA	0–40 ℃ / 32–104 ℉

Circular Rotor

Panel	Cat. No.	Test Parameter	Packing Unit	Storage Condition
Rotor Comprehensive 28**	VC7727RD	GLU, BUN, CREA, PHOS, Ca, Na^+, K^+, Cl^-, tCO_2, TP, ALB, ALT, AST, ALP, GGT, TBA, TB, AMY, LIPA, TG, TC, CK, LDH, UA, A/G*, B/C*, GLOB*, Na/K*	10 Tests/Kit	2–8 ℃ / 36–46 ℉
Rotor Comprehensive 24	VC7702RD	GLU, BUN, CREA, PHOS, Ca, tCO_2, TP, ALB, ALT, AST, ALP, GGT, TBA, TB, AMY, LIPA, TG, TC, CK, LDH, UA, A/G*, B/C*, GLOB*		
Rotor Presurgical 10	VC7703RD	GLU, BUN, CREA, TP, ALB, ALT, ALP, A/G*, B/C*, GLOB*		
Rotor Electrolyte 14	VC7704RD	GLU, BUN, CREA, PHOS, Ca, Na^+, K^+, Cl^-, Mg, tCO_2, pH, LAC, B/C*, Na/K*		
Rotor Kidney Panel 10	VC7705RD	GLU, BUN, CREA, c-CysC, PHOS, Ca, tCO_2, ALB, UA, B/C*		
Rotor Liver Panel 11	VC7706RD	TP, ALB, ALT, AST, ALP, GGT, TBA, TB, TC, A/G*, GLOB*		
Rotor Comprehensive 17	VC7707RD	GLU, BUN, CREA, Na^+, K^+, TP, ALB, ALT, ALP, TB, CHE, AMY, UA, A/G*, B/C*, GLOB*, Na/K*		
Rotor Diabetes 9	VC7708RD	GLU, FRUC, LAC, ALT, AST, AMY, LIPA, TG, TC		
Rotor Basic 16	VC7709RD	GLU, BUN, CREA, PHOS, Ca, TP, ALB, ALT, AST, TB, AMY, TB, CK, A/G*, B/C*, GLOB*		
Rotor Coagulation 4	VC7710RD	PT, APTT, TT, FIB		
Rotor Ammonia One	VC7711RD	NH_3		
Rotor Basic 10	VC7712RD	GLU, BUN, CREA, TP, ALT, AST, ALP, CK, LDH, B/C*		
Rotor Avian Exotic 18	VC7723RD	GLU, BUN, PHOS, Ca, Na^+, K^+, Cl^-, TP, ALB, AST, TBA, TC, CK, LDH, UA, A/G*, GLOB*, Na/K*		
Rotor Canine Inflammation 6**	VC7728RD	c-CRP, BUN, CREA, AMY, LIPA, B/C*		
Rotor Feline Inflammation 12**	VC7729RD	f-SAA, BUN, CREA, TP, ALB, ALP, GGT, TBA, LIPA, A/G*, B/C*, GLOB*		

*Calculated parameter **Upcoming

Sector Rotor

Panel	Cat. No.	Test Parameter	Packing Unit	Storage Condition
Sector Kidney Panel 4	VC7713SD	BUN, CREA, PHOS, B/C*	10 Tests/Kit	2–8 ℃ / 36–46 ℉
Sector Electrolyte 6	VC7714SD	PHOS, Ca, Na^+, K^+, Cl^-, Na/K*		
Sector Basic 6	VC7715SD	BUN, CREA, ALT, AST, ALP, B/C*		
Sector Liver Panel 3	VC7716SD	ALT, GGT, TB		
Sector Diabetes 4	VC7717SD	GLU, FRUC, TG, TC		
Sector BUN	VC7718SD	BUN		
Sector ALT	VC7719SD	ALT		
Sector CREA	VC7720SD	CREA		
Sector TBA	VC7721SD	TBA		
Sector AST	VC7722SD	AST		

*Calculated parameter

BIONOTE,Inc. 22 Samsung 1-ro 4-gil, Dongtan-gu, Hwaseong-si, Gyeonggi-do, 18449, Republic of Korea
Tel +82-31-211-0516 I Fax +82-31-8003-0618 I www.bionote.co.kr
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