

Vcheck C1



The Most Cost-Efficient Chemistry Analyzer

The C1 analyzer is a compact, **fully automated biochemistry analyzer** utilizing a rotor-type system, specifically designed for veterinary diagnostics. It enables **simultaneous analysis of various test panels** with a small sample, ensuring high accuracy and efficiency.

With its simple operation and rapid analysis speed, the Vcheck C1 is highly suitable for point-of-care diagnostics.

Features

Broad Test Parameters

Capable of testing biochemistry, electrolytes, coagulation and more

Broad Sample Variety

Suitable for whole blood, serum and plasma

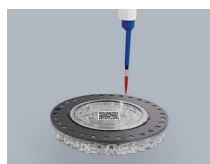
Compact Size

Compact size allows for space-saving usage anywhere

Specifications

Model	Vcheck C1
Sample Type	Whole Blood, Serum, Plasma
Sample Volume	100 µl of circular rotor
Testing Time	10-12 minutes/sample
Display	7" touch screen
Working Temp	10-30° C, Humidity ≤ 85%
Storage	500,000 tests
Printer	Built-in thermal printer
Connectors	2 USB ports, built-in Wi-Fi
Dimensions	7.625" w x 8.875" d x 8.8125" h
Weight	8.8 lbs.

Simple Testing Procedure



1. Add sample
(100 µl)



2. Insert rotor



3. Confirm
results in
12 minutes

How Does It Work?

The Vcheck C operates based on photoelectric colorimetry, transmittance turbidity and absorption spectroscopy.

- Photoelectric colorimetry measures the amount of light absorbed due to the color change to determine the concentration.
- Absorption spectroscopy analyzes how much light at a specific wavelength is absorbed to quantify the substance's concentration.

Test Menu

Panel	Product No.	Test Parameter	Packing Size	Storage Temp.
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 ¹ , B/C ² , GLOB ³	10 tests/kit	2-8° C
Rotor Electrolyte 14	VC7704RD	GLU, BUN, CREA, PHOS, Ca, Na ⁺ , K ⁺ , Cl ⁻ , Mg, tCO ₂ , pH, LAC, B/C ² , Na/K ⁴		
Rotor Comprehensive 17	VC7707RD	GLU, BUN, CREA, Na ⁺ , K ⁺ , TP, ALB, ALT, ALP, TB, CHE, AMY, UA, A/G ¹ , B/C ² , GLOB ³ , Na/K ⁴		
Rotor Avian Exotic 18	VC7723RD	GLU, BUN, PHOS, Ca, Na ⁺ , K ⁺ , Cl ⁻ , TP, ALB, AST, TBA, TC, CK, LDH, UA, A/G ¹ , GLOB ³ , Na/K ⁴		
Rotor Liver Panel 11	VC7706RD	TP, ALB, ALT, AST, ALP, GGT, TBA, TB, TC, A/G ¹ , GLOB ³		
Rotor Kidney Panel 10	VC7705RD	GLU, BUN, CREA, CysC (Canine), PHOS, Ca, tCO ₂ , ALB, UA, B/C ²		
Rotor Diabetes 9	VC7708RD	GLU, FRUC, LAC, ALT, AST, AMY, LIPA, TG, TC		
Rotor Coagulation 4	VC7710RD	PT, APTT, TT, FIB		
Rotor Ammonia One	VC7711RD	NH ₃		

¹ Albumin / Globulin, ² Blood Urea Nitrogen / Creatinine, ³ Total Protein-Albumin, ⁴ Sodium / Potassium



For More Information on the
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LEARN MORE
about the
Vcheck C1 analyzer

