

Vcheck C1



The Most Cost-Efficient Chemistry Analyzer

The Vcheck C1 is a compact biochemistry analyzer designed to expand a clinic's diagnostic capabilities, **featuring nine specialized rotors** for organ-specific testing and individual, validated reference ranges to **support diagnostics for 34 species, including canine, feline, equine and bovine patients**. It enables simultaneous analysis of various test parameters with a small sample and simple process to ensure high accuracy and efficiency. Compatible test groups deliver results in minutes, including the Comprehensive 24 rotor, which offers the widest chemistry panel in its class.

Features

Broader Test Coverage

More complete diagnostic information from a single sample

Extensive Species Support

Only analyzer capable of supporting 34 species with individual, validated reference ranges

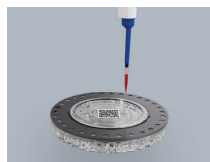
Flexible Diagnostic Profiles

Enabled organ- and species-specific testing without compromise

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
under
12 minutes

Features Continued

Point-of-Care Precision

Laboratory-grade accuracy delivered in minutes from a small sample and simple workflow

Internal Quality Control

Analyte specific controls and auto calibration performed with each rotor run

How Does It Work?

The Vcheck C operates based on photometric methodology, transmittance turbidity and absorption spectroscopy.

- Photometric methodology 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

