

Vcheck C10

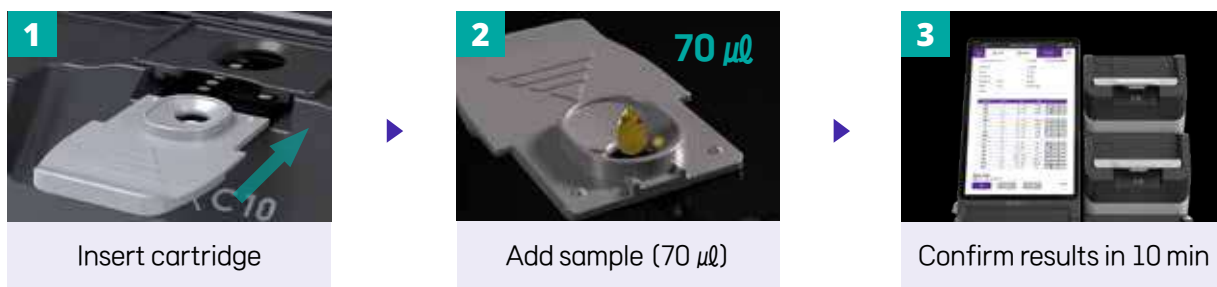
Versatile High-throughput Chemistry Analyzer



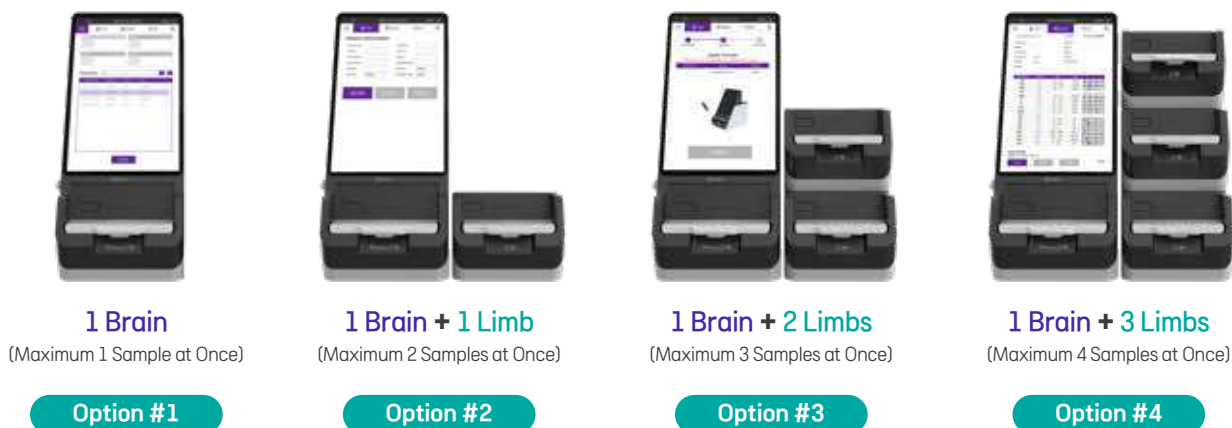
Versatile High-throughput Chemistry Analyzer



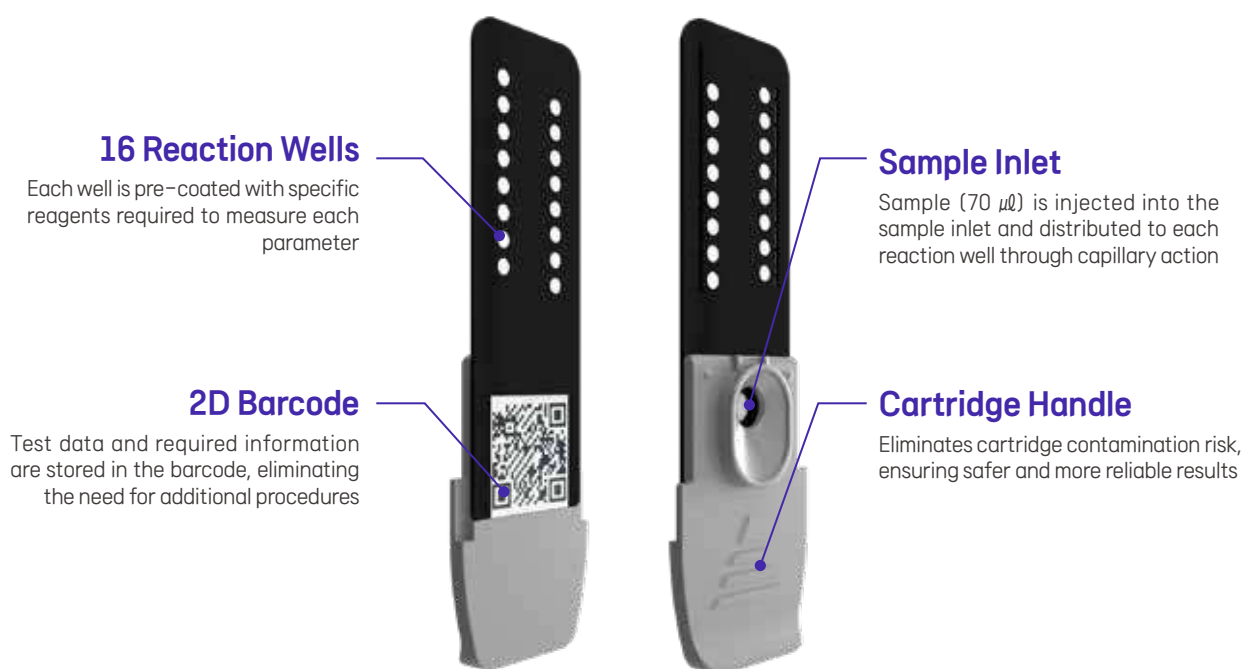
Simple 3-STEP Test Procedure



Scalable for Simultaneous Testing of Up to 4 Samples, Depending on Requirements



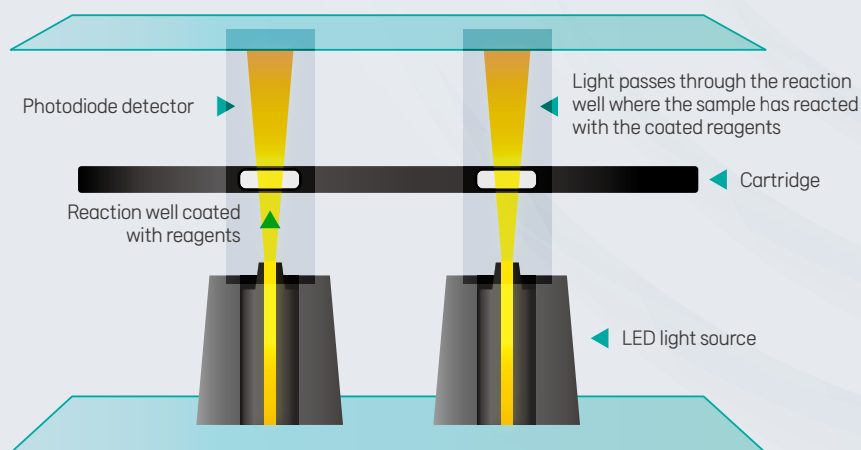
Precise PoC Dry Chemistry Cartridge



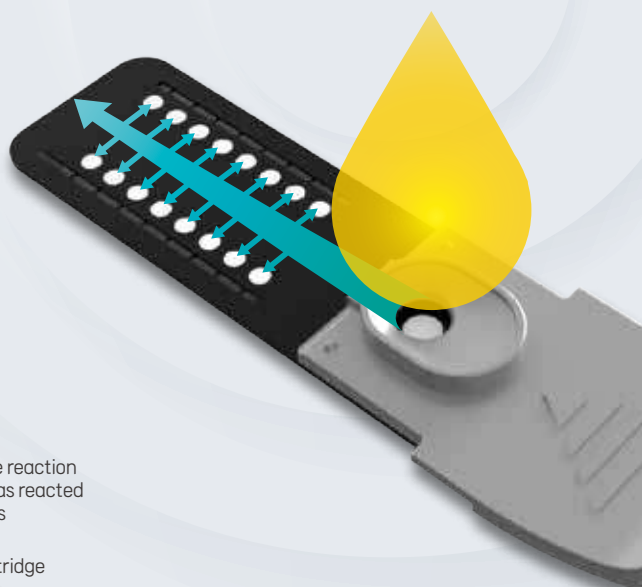
How Vcheck C Cartridge Works

Once pipetted onto the cartridge, the sample travels to the reaction wells through capillary action. As it interacts with the pre-coated reagents, a color change occurs within the wells.

An LED light source emits light through the reaction wells, and a photodiode detector measures the difference between the emitted and transmitted light. This absorbance data is then used to accurately determine the concentration of each parameter.



Sample 70 μl

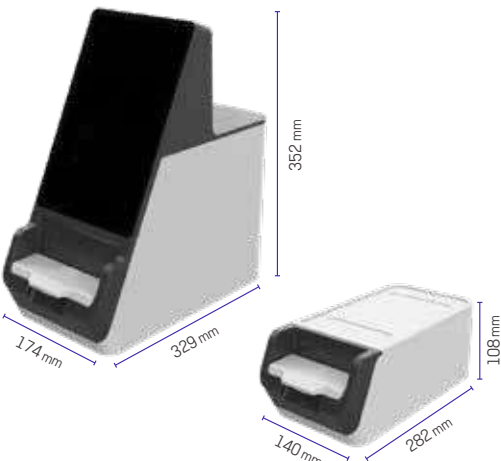


Vcheck C10 Test Parameters

Category	Parameter	Comprehensive 17	Presurgical 10	Electrolyte 4	UPC	Dual Panel
Chemistry Parameters	ALT	○	○			ALP + ALT
	AST					ALT + AST
	ALP	○	○			TBIL + GGT
	GGT	○				ALB + TP
	TP	○	○			AMY + LIP
	ALB	○	○			CHOL + TRIG
	TBIL	○				BUN + CREA
	AMY	○				Ca + PHOS
	LIP	○				
	GLU	○	○			Inflammation Markers
	CHOL	○				CRP, SAA
	TRIG					Pancreatitis Markers
	BUN	○	○			cPL, fPL
	CREA	○	○			Cardiac Markers
	PHOS	○				NT-proBNP, TnI
	UP				○	Hormone Markers
	UCREA				○	T4, TSH, Cor, Prog
	Ca	○				Renal Markers
Electrolyte Parameters	Na			○		SDMA
	K			○		Coagulation Markers
	Cl			○		D-dimer
Calculated Parameters	A/G ¹	○	○			Equine Markers
	B/C ²	○	○			SAA, Prog, IgG
	GLOB	○	○			
	Na/K ³			○		
	UP/C ⁴				○	

¹ Albumin / Globulin ² Blood Urea Nitrogen / Creatinine ³ Sodium / Potassium ⁴ Urine Protein / Creatinine

Vcheck C10 Brain & Limb

	Channels	Up to 4 channels (1 Brain + 3 Limbs)
	Samples	Up to 4 samples at once (1 per channel)
	Input Voltage	Vcheck C10 Brain: AC100~240V, 50/60Hz Vcheck C10 Limb: 12Vdc, 1.5A (Limb cannot be used without a Brain)
	Display	10.1 inch touchscreen
	Display Control	Graphic User Interface (GUI)
	Power Consumption	Vcheck C10 Brain : 84W Vcheck C10 Brain + 3 Limbs : 84W
	Storage Capacity	30,000 (Tests)
	Communication	USB, ethernet, Wi-Fi (2.4GHz, 5GHz)
	LIS/HIS	HL7 profile support