



# VERCENTRA

CS - 1500

*The Vercentra CS line is an automated chemiluminescence immunoassay system, an accessible solution for laboratories of all sizes, with a versatile menu of reagents produced in Brazil by Labtest.*



Benchtop analyzer with a compact design and 100% automatic with a throughput of up to 120 tests per hour. Capacity of up to 24 positions for samples and 15 refrigerated positions for reagents. STAT function and continuous supply of samples, reagents and consumables without interrupting routine operations.



Direct chemiluminescence labeled with acridine ester which, combined with magnetic particles, increases the sensitivity and specificity of the tests. State-of-the-art technology and high-quality reagents that offer precision, efficiency and reliable results.



Ready-to-use reagents, with controls and calibrators included in all kits. Diverse portfolio of tests covering metabolic, tumor, hormonal and infectious markers in presentations of 50 or 100 tests.

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## Model Specifications

January/2026

Max Throughput	Up to 120 tests/hour
Reagents	<ul style="list-style-type: none"> <li>Onboard barcode scanning</li> <li>Refrigerated tray (2-8 °C) with 15 positions</li> </ul>
Samples	<ul style="list-style-type: none"> <li>Integrated barcode scanner</li> <li>Up to 24 positions in racks with emergency function</li> <li>Automatic pre- and post-dilution of samples</li> </ul>
Pipetting system	Dedicated sample and reagent probes with level detection for samples and reagents
Reaction	<ul style="list-style-type: none"> <li>Dual-rack cuvette system with capacity for up to 130 on-board cuvettes</li> <li>Continuous loading</li> </ul>
Methodology	Direct chemiluminescence labeled with acridine ester
Reading system	<ul style="list-style-type: none"> <li>Photomultiplier (PMT)</li> <li>Measurement range: 5 ~ 50M RLU</li> </ul>
Washing system	<ul style="list-style-type: none"> <li>Washing by magnetic separation</li> <li>High-pressure washing eliminates the use of tips</li> </ul>
Homogenization system	Vortex
Interface system	Bidirectional output   HL7
Quality control	Multiple Westgard rules and Levey-Jennings chart
Dimensions (HxWxL)   Weight	66 x 50 x 70.5 cm   110kg

## Test Menu

INFECTIOUS DISEASES				INFLAMMATORY
Anti - HAV IgG*	HIV Ag/Ab Combo	fPSA	Testosterone	IL-6*
Anti - HAV IgM*	NS1*	HE4	β-HCG	PCT
Anti-HBc IgM*	Rubella IgG	NSE	THYROID	OTHER
Anti-HBc Total	Rubella IgM	ProGRP	Anti-TG	25-OH Vitamin D
Anti-Hbe	Syphilis TP	PSA	Anti-TPO	Cortisol*
Anti-HBs	Toxoplasmosis IgG	SCC	Calcitonin	Ferritin
Anti-HCV	Toxoplasmosis IgM	HORMONES & FERTILITY	FT3	Folate
CMV IgG*	TUMOR MARKERS	AMH	FT4	PG I
CMV IgM*	AFP	DHEA-S	T3	PG II
Dengue IgG*	CA 125	Estradiol	T4	PTH*
Dengue IgM*	CA 15-3	FSH	TG	Vitamin B12
HBeAg	CA 19-9	LH	TSH	
HBsAg Qualitative	CA 72-4	PRL	DIABETES	
HBsAg Quantitative	CEA	Progesterone	C-Peptide	
	Cyfra 21-1	SHBG	Insulin	

Consumables: Wash Buffer | Pre-Trigger | Trigger  
Reaction cuvettes | System Maintenance Fluid | Sample Diluent A/B

\* Under development

