

Exceptional productivity. True clinical value.

Sysmex CS-5100™ Fully Automated Blood Coagulation Analyzer



Advanced and reliable hemostasis testing

The Sysmex CS-5100 combines advanced technology, pre-analytical sample integrity checks and simultaneous multi-wavelength technology to ensure accurate and reliable results for critical lab testing.

Product Description	The Sysmex CS-5100 is a fully automated, high-throughput hemostasis analyzer incorporating coagulation, chromogenic and immunoturbidimetric methodologies. A fully random access analyzer, the CS-5100 measures up to 80 assays simultaneously.	
Detection Principles & Methodology	Simultaneous multi-wavelength detection reads at 340, 405, 575, & Methodology 660 and 800 nm; clotting, chromogenic, immunoturbidimetric and aggregation* testing	
PSI™ (Preanalytical Sample Integrity)	User-defined checks for tube fill volume, clog detection, hemolysis, icterus and lipemia.	
Available Assays	<p>PT Dade® Innovin®</p> <p>APTT Dade® Actin® FS and Dade® Actin® FSL</p> <p>Fibrinogen Dade® Thrombin</p> <p>Thrombin Time Test Thrombin</p> <p>Reptilase Time Batroxobin</p> <p>Factor Activity Factor II, Factor V, Factor VII, Factor VIII, Factor IX, Factor X, Factor XI, Factor XII and Berichrom® Factor VIII Chromogenic</p> <p>Lupus anticoagulant LA1 screening and LA2 confirmation</p>	<p>Thrombophilia INNOVANCE® Antithrombin, Protein C, Berichrom® Protein C, Factor V Leiden, and INNOVANCE® Free Protein S Ag</p> <p>Heparin INNOVANCE® Heparin</p> <p>D-Dimer INNOVANCE® D-Dimer</p> <p>von Willebrand factor INNOVANCE® VWF Ac and VWF Ag</p> <p>Fibrinolysis Berichrom® α2-Antiplasmin and Berichrom® Plasminogen</p>

*For research use only, not for use in diagnostic procedures. RUO assays must be validated before use in clinical practice.

Throughput	PT only: 400 tests/hour PT/aPTT: 400 tests/hour
Detector Channels	20
Reagent Positions	5 room temperature 40 cooled (10°C)
Dimensions and Weight	40.6" (W) x 45.3" (D) x 50.4" (H); 617 lbs 1030 mm (W) x 1150 mm (D) x 1280 mm (H); 280 kg

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