



Resetting the standard, again.

Introducing the Sysmex CA-600 Systems:
Reliability and convenience come standard.

Built on one standard, to deliver the next



Advance your hemostasis lab with confidence with the Sysmex CA-600 Systems

The Sysmex® CA-600 Systems build upon the proven technology and reliability of the Sysmex CA-500 Series Systems, offering peace of mind and easy integration into your laboratory. And, as is standard with the solutions offered by Siemens Healthineers, you can be sure that we will offer various instruments to meet individual needs. That's why the Sysmex CA-600 Systems are available in two models.

The Sysmex CA-600 Systems share a proven design that drives proven performance

Proven reliability for uninterrupted testing

With nearly a year between unscheduled service visits on the Sysmex CA-500 Systems,¹ Sysmex CA-series systems offer a history of providing consistently efficient workflow and uninterrupted test results for your physicians.

Proven history of #1-ranked service

When you do have an unscheduled service visit, you can be confident that Siemens Healthineers will service your system quickly and efficiently. That's why, year after year, IMV ServiceTrak rates Siemens Healthineers with the "highest overall service performance," based on 46 individual service criteria.²

Proven economy with two model configurations

Some labs need routine testing. Others need routine and specialty testing. With models custom-tailored to the needs of each, labs get the ideal solution. The Sysmex CA-620 System offers clotting testing methodology for laboratories that primarily perform routine tests; the Sysmex CA-660 System offers clotting, chromogenic,* and immunologic* testing for laboratories that require a broader test menu and perform specialty testing.

Proven technology for accuracy and confidence

With more than 5,000 active Sysmex CA-500 Systems installed worldwide,³ you can be confident that the detection principles found in the Sysmex CA-600 Systems represent proven testing accuracy and confidence.

¹ According to internal data.

² Based on ServiceTrak study data from IMV from service years 2007–2011. IMV provides database and market information for products and services for managers in the analytical, clinical diagnostics, biotechnology, life sciences, and medical imaging industries. ServiceTrak is a telephone survey among section supervisors, laboratory managers, and technologists from hospitals across the United States.

* Offered on Sysmex CA-660 System only.

³ As of April 2012, the Siemens Healthineers active installed base exceeded 5400 systems.

The standard for saving your time and money

The Siemens Healthineers family of solutions offers a systematic, end-to-end approach specially designed to meet your individualized testing needs

As your testing needs grow, we have you covered. Our family of scalable hemostasis instruments represents our commitment to offer solutions that meet the needs of any-sized lab.

- Whether your lab requires low-volume routine testing, high-volume specialty testing, or multiple instruments at several locations, we have the solution for you.
- Our cross-platform reagents and consumables, comparable reference ranges, and test cutoff values on all BCS® XP and Sysmex CA and CS systems enable your lab to realize significant improvements in labor efficiency and cost savings.

Just some of the standard benefits

- Cross-platform use of reagents, controls, and calibrators improves convenience, offers cost savings, and reduces waste for more efficient labor utilization.
- The systems provide consistent monitoring of patients from lab to lab, with one D-dimer cutoff value and results that correlate with the entire Siemens Healthineers family of hemostasis systems.
- A single point of contact for all your hemostasis needs supports convenient ordering and service coordination.

The Siemens Healthineers portfolio of hemostasis systems



BFT™ II System

Semiautomated dual-channel coagulometer with turbodensitometric detection, ideal for low-volume labs performing routine coagulation tests.



Sysmex CS-5100 System

High-volume, fully automated solution featuring PSI technology and full automation connectivity options.



Sysmex CA-600 Systems

Compact, fully automated coagulation analyzers that offer a variety of configurations for clotting, chromogenic,* and immunologic* methods.



BCS® XP System

Auto-start, random-access analyzer offering clotting, chromogenic, immunologic, and aggregation-based assays for both routine and specialty testing in an economical footprint.



Sysmex CS-2500 System

Unique, mid-volume solution featuring Preanalytical Sample Integrity (PSI™) technology and an advanced third-generation cap-piercing option.

Big performance from the smallest instrument in its class³

1

Routine and STAT sample processing

- Offers PT test results in 7 minutes and D-dimer results in 9 minutes
- Expedites STAT sample testing



2

Automated daily maintenance and sample probe rinsing

- Requires minimal daily maintenance and no monthly maintenance downtime
- Reduces hands-on time through minimal maintenance procedures



3

Removable reagent trays

- Reduces hands-on time with convenient and easily removable reagent trays
- Enables hands-off reagent handling



The ideal fit for smaller labs needing a robust stand-alone system—or larger labs that need a powerful backup.

Three different detection principles

- Represents the current state-of-the-art testing methodology by offering clotting, chromogenic,* and immunologic* detection principles in true random access
- Improves workflow by consolidating testing



4

User-friendly display with color LCD

- Offers easy-to-use system handling through intuitive menu structure and tilted color touchscreen
- Facilitates easier viewing of reaction curves
- Improves querying of patient results



5

Handheld two-dimensional bar-code reader

- Saves time and supports accuracy by automating the data-entry process for calibrator and control values
- Simplifies patient result tracking



6

Sample bar-code reader

- Ensures the quality and integrity of patient records with an automated, positive sample ID process
- Leverages the convenience of your LIS by facilitating secure and accurate result transfers

Broad testing menu

- Supports your most frequently used specialty tests with innovative reagents, including INNOVANCE® Antithrombin,* INNOVANCE D-Dimer*

Diagnostic confidence

- Provides uniform D-dimer* results with a single cutoff value of 0.50 mg/L FEU for the exclusion of PE/DVT on all Siemens Healthineers hemostasis systems

³ Based on a comparison of low-volume instrument dimensions (Height × Weight × Depth) as listed in CAP Today, January 2017.

* Offered on Sysmex CA-660 System only.

Four reasons to upgrade to the Sysmex CA-600 Systems—today

Economical operation

Save time and money:

- The most economical testing solution is usually the one best tailored to your needs. With the Sysmex CA-620 System for routine testing and the Sysmex CA-660 System adding specialty testing, labs get exactly what they need.
- The systems are so easy to learn and use that costly classroom training is not required, maximizing staff availability and ensuring efficient workflow.
- The Siemens Healthineers commitment to cross-platform reagents, quality control, and consumables reduces waste and saves time through streamlined ordering and maintenance.
- With nearly a year between service visits, you can be confident that the system will deliver consistent uptime.

Measurement Principle	Assays	Wavelengths (nm)
Clotting	PT, APTT, Fbg, TT, Intrinsic and Extrinsic Factor Assays, Protein C Clotting,	660
Chromogenic*	Heparin, Antithrombin, Protein C	405
Immunologic*	D-Dimer	575

Efficient workflow

Reduce hands-on time and increase walkaway ability:

- Automated probe rinse eliminates manual steps.
- Simultaneous analysis of results frees up time.
- Increased D-dimer throughput enables physicians to quickly assess a patient's risk of DVT/PE^{††}.
- Handheld two-dimensional bar-code reader simplifies the data entry process for ISI, control and calibrator values, lot numbers, and expiry information.
- Sample bar-code reader provides simplified sample ID processing and enables security and integrity of patient records.

* Offered on Sysmex CA-660 System only.

†† D-dimer throughput is 40% faster when compared to the CA-500 Systems.

‡‡ Compared to Sysmex CA-500 Systems.

Ecological impact

Make a big impact with the smallest footprint:

- 25% less power consumption.^{‡‡}
- Minimal consumables needed—only CA Clean I, CA Clean II, and reaction tubes.
- Only one reaction tube used per test.

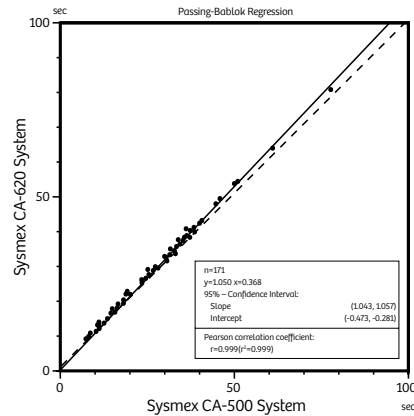
Excellent correlation

Consistently monitor your patients, from lab to lab:

- Results correlate with the entire line of Siemens Healthineers hemostasis systems.
- Consistent result provide confidence.

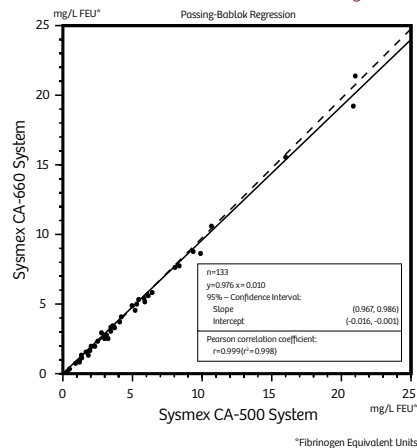
PT Method Comparison

PT seconds with Dade® Innovin® Reagent



D-Dimer Method Comparison

D-Dimer with INNOVANCE® D-Dimer Reagent



A partner as committed to your success as you are

The world leader in hemostasis testing

Siemens Healthineers is one of the world's largest provider of hemostasis solutions. Our partnership with Sysmex Corporation gives us the combined expertise to anticipate the needs of our customers and deliver the complete and integrated portfolio of advanced solutions that customers need.

Ensuring your lab's
highest performance—
every shift, every day



Siemens Customer Care

Our Customer Care program truly expands the traditional definition of “service.” From pre-purchase and throughout the lifecycle of your instrument, Siemens Customer Care acts as a seamless extension of your lab with a comprehensive portfolio of personalized solutions, proactive services, and proven expertise to anticipate your challenges and meet your needs.

From highly skilled field engineers and workflow experts to experienced education and customer service specialists, we are focused on delivering solutions to help you reach the next level of operational efficiency.



INNOVANCE Reagents

Reagent quality is a critical factor in establishing trust and confidence in any hemostasis testing system. That's why our comprehensive portfolio of INNOVANCE reagents provides the quality you need to support physicians in making sound diagnostic and therapeutic decisions.



Personalized Education Plan (PEPconnect)

Available exclusively from Siemens Healthineers as part of the Customer Care program, PEPconnect is the only virtual competency-based education solution in the industry that can be tailored to meet the individual needs of your employees. Our innovative approach to personalized education for the Sysmex CA-600 Systems does not require disruptive, off-site training or traveling, allowing employees to train on their own instruments as their schedule allows.

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