



SIEMENS

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Resetting the standard, again.

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

Answers for life.

Built on one standard, to deliver the next



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

The CA-600 Systems build upon the proven technology and reliability of the Sysmex CA-500 Series Systems, thus offering peace of mind and easy integration into your laboratory. And, as is standard with the solutions offered by Siemens, 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 standard for saving you time and money

The Siemens 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 size 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 standardized reagents and consumables, comparable reference ranges, and test cut-off values on all BCS® and Sysmex CA and CS systems enable your lab to realize significant improvements in labor efficiency and cost savings

The more you standardize, the greater the benefits

- **Standardized** reagents, controls, and calibrators improve convenience, offer cost savings, and reduce waste for more efficient labor utilization
- **Standardized** monitoring of patients from lab to lab with one D-Dimer cut-off value and results that correlate with the entire Siemens family of hemostasis systems
- **Standardized** single point of contact for all of your hemostasis needs supports convenient ordering and service coordination

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 CA-600 Systems' predecessors, the CA-500 Systems,¹ the 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 will service your system quickly and efficiently. That's why, year after year, IMV ServiceTrak rates Siemens Healthcare Diagnostics 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 who primarily perform routine tests; the Sysmex CA-660 System offers clotting, chromogenic³ and immunologic³ testing for laboratories that require a broader test menu and perform specialty testing.

Proven technology for accuracy and confidence

With more than five thousand active CA-500 Systems installed worldwide,⁴ you can be confident that the detection principles found in the CA-600 Systems represent the utmost in proven testing accuracy and confidence.

The Siemens portfolio of hemostasis systems



Sysmex CA-600 Systems

Compact, fully-automated coagulation analyzers that offer a variety of configurations for clotting, chromogenic,³ and immunologic³ methods



Sysmex CA-1500 System

Fully-automated clotting, chromogenic, and immunological testing performance with optional 2nd generation cap-piercing technology in a compact, mid-volume solution



Sysmex CA-7000 System

Rapid throughput system for routine testing utilizing complete random access capabilities and priority processing capability for STAT samples



Sysmex CS-2000i⁵ and 2100i⁶ Systems

Unique, mid-volume solution featuring Preanalytical Sample Integrity (PSI) technology and an advanced 3rd generation cap-piercing option



Sysmex CS-5100 System⁷

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



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

¹According to internal data.

²Based on ServiceTrak study data from IMV from service years 2007-2011. IMV provides database and market information for products and services for managers of 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.

³Offered on Sysmex CA-660 System only.

⁴As of April 2012, the Siemens active installed base exceeds 5,400 systems.

⁵Pending FDA clearance; not available for sale in the U.S.

⁶Under development; not available for sale in the U.S.

⁷Pending clearance in the western hemisphere; not available for sale in the U.S.

Big performance from the smallest instrument in its class¹

Routine and STAT sample processing

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



Automated daily maintenance and sample probe rinsing

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



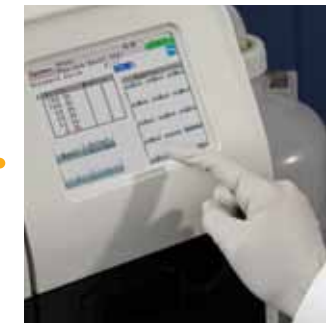
Removable reagent trays

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



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



Hand-held two-dimensional barcode reader

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



Sample barcode 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



The ideal fit for smaller labs needing a robust standalone system—or larger labs that need a powerful backup

Three different detection principles

- Represents the current state-of-the-art testing methodology through offering clotting, chromogenic,² and immunologic² detection principles in true random access
- Improves workflow by consolidating testing

Broad testing menu

- Supports your most frequently used specialty tests with innovative reagents, including INNOVANCE® Antithrombin,² INNOVANCE D-Dimer,² and INNOVANCE VWF Ac^{2,3}

Diagnostic confidence

- Provides uniform D-Dimer² results with a single cut-off value of 0.50 mg/L FEU for the exclusion of PE/DVT on all Siemens hemostasis systems

¹Based on a comparison of low-volume instrument dimensions (Height × Weight × Depth) as listed in *CAP Today*, January 2012.

²Offered on Sysmex CA-660 System only.

³Pending FDA clearance; not available for sale in the U.S.

Four reasons to upgrade to the CA-600 Systems, today

Economical operation

Convenient system that saves you time and money

- The most economical testing solution is usually the one best tailored to your needs. With the Sysmex CA-620 for routine testing, and the CA-660 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, thus maximizing your personnel time and ensuring efficient workflow
- The Siemens commitment to standardized 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, Lupus Screening and Confirmation ¹	660
Chromogenic ²	Heparin, Antithrombin, Protein C	405
Immunologic ²	D-Dimer, vWF Activity & Antigen ¹	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/PE³
- Hand-held two-dimensional barcode reader simplifies the data entry process for ISI, control and calibrator values, lot numbers, and expiry information
- Sample barcode reader provides simplified sample ID processing and enables security and integrity of patient records

Ecological impact

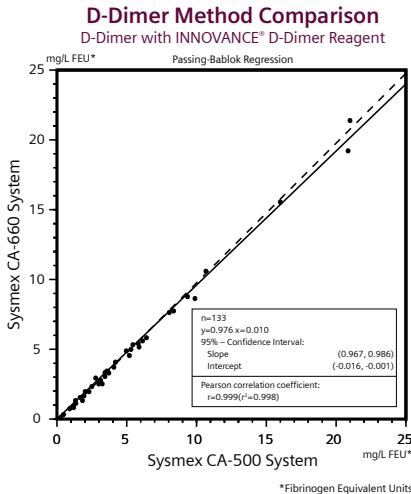
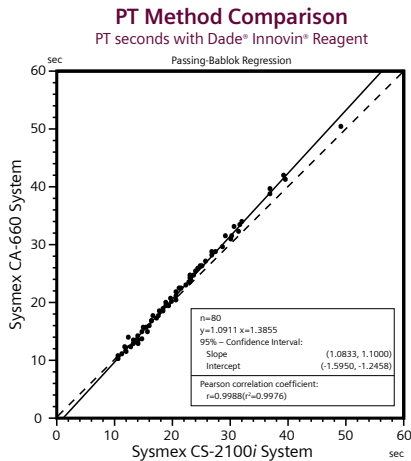
Make a big impact with the smallest footprint

- 25% less power consumption⁴
- 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 hemostasis systems
- Provides confidence through standardized results



A partner as committed to your success as you are

The world leader in hemostasis testing

Siemens is the largest provider of hemostasis solutions in the world. Our partnership with the Sysmex Corporation gives us the combined expertise to anticipate the needs of our customers—and deliver the complete and integrated portfolio of 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 plays a central role in the trust and confidence necessary for 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 (PEP)

Available exclusively from Siemens as part of the Customer Care program, PEP⁵ 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 CA-600 Systems does not require disruptive, off-site training or traveling, thus allowing employees to train on their own instruments as their schedule allows.

¹Not available for sale in the U.S.

²Offered on Sysmex CA-660 System only.

³D-Dimer throughput is 40% faster when compared to the CA-500 Systems.

⁴Compared to Sysmex CA-500 Systems.

⁵Patent pending.

Siemens Healthcare Diagnostics, a global leader in clinical diagnostics, provides healthcare professionals in hospital, reference, and physician office laboratories and point-of-care settings with the vital information required to accurately diagnose, treat, and monitor patients. Our innovative portfolio of performance-driven solutions and personalized customer care combine to streamline workflow, enhance operational efficiency, and support improved patient outcomes.

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