

Specifications

Principles	Clotting : Scattered Light Detection Method Chromogenic* : Colorimetric Method Immunoassay** : Latex-enhanced Turbidimetric Method
Parameters	Clotting : PT, APTT, Fbg, TT, PCcl, BXT, LA 1, LA 2, Factors Assays (FII, FV, FVII, FVIII, FIX, FX, FXI, FXII) Chromogenic* : ATIII, PLG, α 2AP, BCPC, Heparin Immunoassay** : D-Dimer, P-FDP, vWF-Ag
Programmable test protocol	14 test protocols; 5 random access simultaneously
Throughput	Maximum PT : 60 tests/hour PT, APTT, Fbg : 42 tests/hour
Cycle Time	PT/APTT 120 sec.; Fbg 100 sec.; D-Dimer 180 sec. Maximum detection time can be set 600 sec. for each parameter
Sample Volumes	Minimal sample volumes PT, APTT, TT: 50 μ L; Fbg, ATIII: 10 μ L; Factor Assays: 5 μ L; Innovance D-Dimer : 8 μ L
Reaction Tubes Capacity	60 max (30-tube rack x 2)
Reagent and Sample Aspiration	The probe with a liquid surface sensor, quantitatively aspirates plasma/reagents
Reagent Station	4 holders with cooling unit (15°C \pm 2°C)
Detection Unit	6 wells photo detector (4 wells coagulation analysis, 1 well chromogenic analysis, 1 well for immunoassay) LED light source
Temperature Control	Detector : 37°C \pm 1.0°C Sample Incubator Section : 37°C \pm 1.0°C Reagent Pipette : 37°C \pm 1.0°C
Quality Control	\bar{X} Control (L-J Control): 180 points x 6 files, 14 parameters
Standard Curve	6 points, 14 parameters
Data Storage	600 samples (a maximum 3000 test)
Display and Entry	4.5 x 3.4 inch Color LCD, touch panel type
Print Out	Internal printer prints out analysis data and graphic prints
Dimensions WxHxD	566 x 490 x 490 mm
Weight	42 kg
Power Requirement	100 - 240 V AC; Frequency: 50 Hz or 60 Hz
Power Consumption	300 VA or less

*depends on analyzer model, please refer to specification table.

Model	Clotting	Chromogenic	Immunoassay	Reagent cooler	Built-in BCR	Handy BCR
CA-620	✓	N.A.	N.A.	✓	Optional	Optional
CA-660	✓	✓	✓ (575nm)	✓	✓	Optional

About Sysmex

Sysmex is a global market leader in the development and implementation of clinical diagnostic and health IT products and services for laboratories, hospitals and healthcare organisations.

We deliver total solutions in the field of clinical laboratory testing, including hematology, coagulation and urinalysis. Supplying products and services to customers in more than 150 countries, Sysmex is the market leader in hematology and coagulation instrumentation worldwide.

By working together with our customers and business partners, Sysmex is committed to our mission of shaping the advancement of healthcare.



We Believe the Possibilities.

Staying Ahead in Hemostasis Testing

CA-600 Series Fully Automated Coagulation Analyzer



We Believe the Possibilities.

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Staying Ahead in Hemostasis Testing

CA-600 series is a compact, fully automated coagulation analyzer which utilizes the proven optical detection technology and the same reagent system of Sysmex coagulation family analyzers. It offers high performance automation; performing clotting, chromogenic and immunologic measurements including D-Dimer in true random access. Combining the simplicity of use and diagnostic power, you can be confident that your laboratory will stay ahead in Hemostasis testing with CA-600 series.

The right solution for your hemostasis laboratory

- Broad assay menu with reproducibility of the tests comply with CLSI guidelines
- Compact size ideal for mid-volume laboratories
- Easy daily maintenance

Analytical excellence

- Proven optical based detection principle used in all Sysmex Coagulation Analyzers
- Reaction curve to review the reaction process for correct result interpretation
- Comprehensive quality control function (\bar{X} and L-J control programs) for daily monitoring of result quality
- SNCS (Sysmex Network Communication System) remote maintenance provides continuous monitoring of your instrument performance

Workflow efficiency

- Program up to 14 test protocols
- Performs up to 5 clotting, chromogenic* or immunologic* assay simultaneously in true random access
- Fast turn-around time even with specialty tests
- Simple steps for establishing calibration curves
- Auto-dilution function for accurate measurement of abnormal Fibrinogen or D-Dimer levels
- On demand STAT capability

Improved data management

- Data storage of 600 samples (up to 3000 tests)
- Automated reagent information input with 2D barcode*
- Positive sample identification with built-in barcode reader*
- Bi-directional LIS interface

*depends on analyzer model, please refer to specification table.

Experience the new CA-600 Series, Experience Sysmex Silent Design™

- *We clearly understand the people and their operating environment in the laboratory.*
- *We keep people in mind to produce a user friendly, person-centric instrument.*
- *We aim to create efficient working conditions by developing a functional shape and harmonious design to the surroundings.*
- *Not only offering the smallest foot print in its class, now you can experience the Sysmex Silent Design™ concept through our new CA-600 series.*