

Fully Automated Coagulation Analyser

CA-600

Staying Ahead in
Haemostasis
Testing



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

The right solution for your haemostasis laboratory

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

- Proven optical based detection principle used in all Sysmex Coagulation Analysers
- 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

- 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

- 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 analyser 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.

Specifications

Principles	Clotting : Scattered Light Detection Method Chromogenic* : Colorimetric Method Immunoassay* : Latex-enhanced Turbidimetric Method
Parameters	Clotting : PT, APTT, Fbg, TT, Baxtrobin Time, Protein C, LA Screen and Confirm, Factors Assay (FII, FV, FVII, FVIII, FIX, FX, FXI, FXII) Chromogenic* : ATIII, Plasminogen, α 2 - Antiplasmin, Protein C, Heparin Immunoassay* : D-Dimer, P-FDP, vWF Ag, vWF Ac
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 paramter
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 Colour 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 analyser 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

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