SIEMENS

Sysmex CA-600 Systems

Technical Specification Sheet

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Resetting the standard, again.

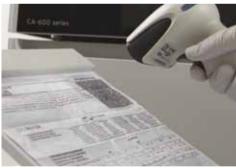
The CA-600 Systems build upon the proven technology and reliability of the Sysmex[®] CA-500 Series Systems, thus offering peace of mind and easy integration into your laboratory. And, as standard with the solutions offered by Siemens, you can be sure that we will offer the right instrument to meet your needs.

Key system highlights include:

- Two system options to meet your lab's needs—CA-620 for clotting and CA-660 for clotting, chromogenic, and immunologic detection methods
- Hand-held 2D bar-code reader for safe and convenient data entry
- Tilted color LCD touch screen for easy-to-use system handling
- Sample bar-code reader provides simplified sample ID processing and enables security and integrity of patient records

Test Menu					
PT	Thromborel® S, Dade® Innovin®				
APTT	Dade Actin® Reagent, Dade Actin FS Reagent, Dade Actin FSL Reagent, Pathromtin SL Reagent				
Fibrinogen	Multifibren U, Dade Thrombin Reagent				
Thrombin Time	Test Thrombin Reagent, Thromboclotin ¹				
Batroxobin Time	Batroxobin Reagent				
Factor Deficiency	Factors VII and VIII				
Lupus Anticoagulant	LA1 screening Reagent, ¹ LA2 confirmation Reagent ¹				
Protein C Pathway	Protein C, Berichrom Protein C*				
Heparin	Berichrom Heparin*				
Antithrombin	Berichrom Antithrombin III (A),* INNOVANCE Antithrombin*				
D-Dimer	INNOVANCE D-Dimer*				
Von Willebrand Factor	vWF Ag, ^{1*} INNOVANCE VWF Ac ^{1*} (for Sysmex CA-660 only)				





Sysmex CA-600 Series System Specifications

Measurement		Reaction Tub	es				
Principle	Photo-optical, continuous, sequential	Туре	Single reaction		on tubes		
Method/channels	Clotting/4, chromogenic,* and immunologic*	Loading	5				
Source lamp	Clotting – 4 LEDs with 660 nm/wavelength		automatic continuous access				
	Chromogenic – 1 LED with 405 nm/wavelength* Immunologic – 1 LED with 575 nm/wavelength*	System Fluid					
		Cleaning and	Cleaning and rinsing Washing solution onboard		ď		
Sample Handling		System contai	ners 5–L containers for water (rinse) and waste				
Sample types	Primary tubes and sample cups	Hardware and Software Components					
Sampling mechanism	Automated sample and standard predilution	Workstation Built-in PC					
Bar-code identification	Automatic positive sample identification	Display Built-in touch screen					
Carrier system	Continuous-access sample racks	Printer Built-in integral thermal graphic printer					
Maximum load	10 sample tubes	Interface ASTM, CA-1000 protocol					
Storage temperature	Room temperature	Host connecti	nection Bidirectional RS-232C serial port				
Racks	1 sample rack; specific sample holders available	Power Supply					
Handling	Flexible mix of cups and various sample tubes, simultaneously	Operating voltage 100–240 VAC; 50–60 Hz					
Throughput (approx.)			sumption 300 VA				
PT	60 tests/hour		Dedicated line required				
D-Dimer	16 tests/hour	Environmental Conditions					
PT, APTT, Fibrinogen	48 simultaneous tests/hour	Operating temperature 15–35°C, optimum 23°C					
PT/APTT/Fibrinogen/AT	40 simultaneous tests/hour	Humidity 30–85% (non condensing)					
PT/APTT/Fib/D-Dimer	32 simultaneous tests/hour	Dimensions					
		566 x 490 x 490 mm (W x D x H)					
Reagent Handling		22.5 x 19.5 x 19.5 in.					
Dispensing mechanism	1 heated probe	Approx. 43 kg/94.6 lb					
Loading system	Manual placement of reagents, removable reagent tray	Quality Control					
Reagents onboard	13 reagent positions (incl. buffer and rinse)	X-control, Levey-Jennings control					
Operation		The Sysmex CA-600 Series Systems are available for sale in the U.S. and					
Access mode	Continuous random access (reaction tubes)	comply to the IVD Directive 98/79/EC.					
Calibration	Automatic predefined calibration	-	Ordering Information				
STAT	1 priority position	Catalog No.	Product Descr	iption	Quantity	Capabilities	
Data Storage		10712040	Sysmex CA-620	System	1 unit	Clotting detection only	
Patient results	600 samples; 3,000 results	40742022	Sysmex CA-660 System			Clotting, chromogenic, and immunologic detection	
QC files	14 parameters; 180 pts x 6 files/each parameter	10712039			1 unit		
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*Only available on the CA-660 System.

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