

Fully Automated Coagulation Analysers

CN-3000/CN-6000



Power up your haemostasis lab

Wondering how to cope with rising test numbers?

Benefit from our automated island solution, which is cost-effective, space saving, and adaptable to your haemostasis workflow.

- Flexibility to connect up to three analysers to a track system handling up to 1,000 tubes/h.
- Enable closed tube side sampling from multiple tube types through the cap piercing functionality

With decades of experience in haematology and urinalysis workflow automation and thousands of satisfied customers, you can trust in Sysmex automation solutions for the haemostasis work area.





Proactive and advanced services including remote functionalities, offering you peace of mind



Minimised tedious and time-consuming manual intervention related to sample and reagent handling



The smallest footprint and fastest throughput with the most comprehensive assay menu; delivering the highest productivity ever of a Sysmex haemostasis analyser



More confidence to obtain valid results from abnormal and problematic samples through sophisticated processing capabilities



Difficult or critical sample?

- Not all samples coming to the lab are perfect. CN identifies sub-optimal samples with its **HIL** and **sample volume checks**.
- With its proven **multi-wavelength technology** for clotting, chromogenic, platelet aggregation and immunoassays, CN analyses samples reliably, even with demanding assay profiles.
- Assess comprehensive coagulation functions through CN's **clot waveform** analysis (CWA).
- CN makes inhibitor testing more convenient, thanks to its on-board **cross-mixing** functions.



Another busy working day ahead?



- CN is here to help: the system tells you up front how many vials of which reagent it needs to run the planned daily routine **without interruption**.
- Save yourself time from manual dilutions of **platelet aggregation** agonists with CN's **automatic dilution function**.
- **Connect** your CN directly **to your water purification system** so you do not have to carry rinse water tanks around.
- Run up to **120,000 samples without changing the piercer**.
- **LED light sources** ensures **longevity** of **up to five years** and without user maintenance.

Tired of preventable downtime?



- CN proactively helps **prevent sudden downtime** by technical self-check functions allowing real-time diagnosis.
- Together with Sysmex's **remote support** capabilities, CN downtime can be minimised and made to fit in better with the lab's schedule.
- CN's **interactive guide** leads the operator easily through the required actions and countermeasures in the event that **trouble-shooting** becomes necessary.

With over 50 years' experience and a global presence in more than 190 countries, Sysmex provides high-quality products, service and support to healthcare professionals in the field of in vitro diagnostics around the world.



Power in a new dimension

Your investment today holds the power to satisfy tomorrow's needs.



Powerful productivity

Less space needed, more possibilities gained: CN-Series' ergonomic design paired with its ultra-high throughput leads to unmatched productivity per square metre, complemented by a wide assay portfolio to give you the utmost room for growth.



Operational power

Bring ease of use to a new level with CN-Series. The systems actively support the user for a daily routine experience that is as smooth as possible, and minimises the need of hands-on time.



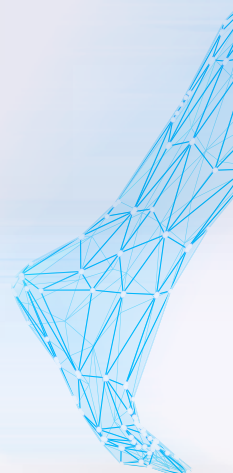
Analytical power

Make decisions confidently based on your results. Even from difficult samples, CN-Series provides you with reliable results straight away, thanks to its powerful technologies and processing capabilities.



Powerful services

Choosing Sysmex as a partner in your lab sets new standards for your peace of mind. Maximise your analyser uptime and performance quality with the advanced services Sysmex and CN-Series offer.





Time is money?

- Shorten your turnaround times with CN's high throughput of up to **450 tests/h.**
- Use one system for routine and specialty assays – CN offers you the opportunity, including e.g. **platelet aggregation** and **DOAC** assays.
- **Save lab space** without compromising on speed. CN does not need to be big to be powerful.
- Get more analyses from less volume: CN requires only a **minimal sample dead volume.**

Key specifications

Models	CN-3000, CN-6000
Principles/technologies	clotting, chromogenic, latex IA, aggregation, CLIA*
Throughput	CN-3000: PT: 225 tests/h; PT/APTT: 215 tests/h CN-6000: PT: 450 tests/h; PT/APTT: 401 tests/h
Analysis methods	dilution measurement, multi-dilution (MDA), cross-mixing, automated measurement (repeat, re-dilution, reflex), clot waveform analysis (CWA)**
Light source	LED (36,000 h) with multi-wavelength capability (340 nm, 405 nm, 575 nm, 660 nm, 800 nm)
Pre-analytical checks	HIL check (assay-based), sample volume check
Loading capacity	30 tubes with standard sampler; continuous loading 120 tubes with sampler module***; continuous loading
STAT position STAT TAT	1 position with cap-piercing (micro mode is not available) PT: 4.5 min
Reagent positions Buffer positions	38 positions 6 positions (room temperature)
Storage temperature	4–12 °C in the reagent cooling unit (ambient temperature 15–28 °C)
Traceability	available vial lot#, cal#, operator ID, QC result, operation log, etc.
QC method QC record	Westgard, Xbar, L-J up to 40 QC files with 1,200 points/file import previous QC data and make QC graph
Automated QC	time span, scheduling (e.g. 9:00, 12:00, ...), switch to new vial, test#, specified vial QC (selectable)
Display monitor	21.5 inch touch screen
LAS connection	available, including CP side sampling
Dimensions/weight	595' (W) x 906 (D) x 1,350 (H) mm / 230 kg (PU-17 is included, w/o PC/monitor) 1'720 mm (W) including cuvette waste box with optional sampler/wagon and cuvette waste box: 1,060 (W) x 1,030 (D) x 1,350 (H) mm
Power supply	main unit: AC 100–240 V / 1080 VA or less pneumatic unit: 100–240 V / 250 VA or less

* under development | ** research use only | *** optional

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