

Automated blood coagulation analysers

CN-3500/CN-6500

Nearing 360° in haemostasis testing



A tandem analyser that paves the way for 360° haemostasis testing

CN-3500 and CN-6500 are fully automated haemostasis analysers teamed up with a CLEIA* unit, forming an integrated device that runs your routine and speciality assays including immunoassays out of one sample. The integration of plasma-based immunologic assays into your routine analyser helps you streamline your sodium citrate sample workflow, save space, and simplify the management of your instruments.



Screen view of the reagent and consumable management for the CLEIA* function.

Powerful productivity

- Very high throughput for classical haemostasis assays – same as CN-3000/CN-6000 – and short TAT for the CLEIA* method, with a time from sample aspiration to result display of only 17 minutes on average.
- Enjoy the higher degree of automation CN-3500 and CN-6500 offer to effectively reduce the ELISA assays in your lab.
- Free up your precious bench space. CN-3500 and CN-6500 are compact analysers that leave you enough lab space to move around comfortably.
- Great size-to-performance ratio: the instruments have a small footprint with an extremely wide assay portfolio.
- Consolidate immunologic haemostasis assays in the haemostasis laboratory – without needing to purchase an additional instrument for the added measurement capability.

Operational power

- No need to make sample aliquots – CN-3500 and CN-6500 operate in a fully integrated way. Sample aliquots are transferred from one unit to the other automatically.
- Three-button operation (start – stop – resume) provides utmost simplicity to relieve busy staff.
- Manage your reagents easily and quickly with clear reagent screens for both units, accessible from the same display.
- No extra hands-on time: no additional scheduled maintenance for the extended range of technologies on board.
- CN-3500/CN-6500 sustains traceability by storing the result data of both units in one centralised place.

Analytical power

- CN-3500/CN-6500 uses proven CLEIA* technology and reagents established with other Sysmex analysers (HISCL series).
- Future-proof your investment: the capacity to measure immunoassays will support a disease management approach and increase clinical utility.

Powerful services

- CN-Series' support functions (e.g. technical self-checks, interactive troubleshooting guide) on the CN-3500 and CN-6500 seamlessly include the CLEIA* unit.



You can install up to five sets of reagents. Reagent information is managed by the barcode on the reagent bottle. Automatic opening and closing of reagent bottle caps prevent reagent deterioration, and the reagents are automatically agitated on a regular basis.



Easily replenish the dedicated measurement cuvettes used in the CLEIA* unit by installing the entire tray.

Key specifications exclusive to CN-3500 and CN-6500

Measurement principle	coagulation function: <ul style="list-style-type: none">■ clotting■ chromogenic■ latex agglutination immunoassay■ platelet aggregation immunology function: <ul style="list-style-type: none">■ chemiluminescent enzyme immunoassay (CLEIA*)
Simultaneous assays	haemostasis: up to 60 parameters CLEIA*: up to 5 parameters
CLEIA assays	a DIC panel of 4 assays (RUO): <ul style="list-style-type: none">■ thrombin-antithrombin complex (TAT)■ tissue plasminogen activator / plasminogen activator inhibitor 1 complex (tPAI · C)■ thrombomodulin (TM)■ plasmin-α2-plasmin inhibitor complex (PIC)
Throughput	CN-3500: 225 PT/hour; 26 CLEIA* tests/hour CN-6500: 450 PT/hour; 26 CLEIA* tests/hour
Time to first result	approx. 17 minutes for CLEIA* method (time from sample aspiration to result display)
Data storage	up to 10,000 patient results
Dimensions/weight W × H × D [mm/kg]	CN-3500/CN-6500 main instrument including pneumatic unit with standard sampler: 1,055 × 1,350 × 906 / 407 CN-3500/CN-6500 main instrument including pneumatic unit with optional sampler: 1,385 × 1,350 × 1,030 / 507

* For research use only.

Distributor EMEA: Sysmex Europe SE · www.sysmex-europe.com

Manufacturer: Sysmex Corporation · www.sysmex.co.jp

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