



The CleanXtract instrument series

(Just) Press START to begin extraction

Automation of nucleic acid extraction and purification has become an integral part of modern genomic diagnostics and research laboratories. CleanNA addresses this need with a uniquely designed product portfolio that combines automated extraction instruments with high-performance, magnetic bead-based kits and reagents.



The CleanXtract instrument series delivers clear advantages for routine and high-throughput workflows by reducing manual errors, accelerating sample processing, and improving reproducibility and reliability. With the CleanXtract series, CleanNA offers magnetic particle processing instruments providing benchtop solutions for DNA and RNA extraction. As the instruments move the magnetic beads, not the liquid, CleanNA protocols are designed to be fast and efficient. As a result, laboratories can achieve consistent, scalable, and efficient nucleic acid extraction tailored to demanding applications.





The CleanXtract 96

The CleanXtract 96 is designed to extract nucleic acid from a high number of different samples, depending on the magnetic bead-based kit that is used. UV-decontamination control, heating functions and the large touchscreen interface make the instrument a reliable and powerful tool to kick-start your workflow.

Specifications:

Model	CXT-I096
Processing volume	50-1000 µl
Operation Screen	10 inch touch
Uniformity of wells	CV <3%
Plate positions on the deck	8 (of which 3 can be heated)
Heating temp. range	RT – 100°C
Mixing mode	Fast/mid/slow
Multiple magnetic adsorption mode	Normal/segment/cycle
Disinfection	UV lamp
Sample throughput	1 to 96
Interface	USB
Size	65 x 61 x 41 cm
Net weight	40 kg
Power supply	AC100-240V 50/60Hz, 350W

Benefits:

-  High throughput
-  No contamination
-  Easy operation
-  Consistent results



Compatible kits and available scripts

The number of compatible kits and available scripts is continuously updated. Please contact CleanNA or your local distributor to obtain the most up-to-date information on available scripts for your specific application or CleanNA kit(s).





The CleanXtract LV

The CleanXtract LV series is designed to extract nucleic acids from large volume samples, up to 4 mL, and processing 16 samples simultaneously. Using magnetic bead-based kits, featuring UV decontamination, heating, and high-speed shaking for efficient performance. Additionally, it offers disposable cartridges for a simplified process with a user-friendly touch screen interface.

Specifications:

Name	CleanXtract LV
Module	CXT-LV
Throughput	Up to 16 samples
Sample volume	0.05 mL – 4 mL
Elution volume	15 – 400 µL
Processing time	25 – 120 min (depends on sample type and method)
Disinfection	UV lamp
Heating	Yes
Orbital spinning	Yes
Size	36 x 45,5 x 44,6 cm
Net weight	38 kg
Power supply	AC 100 – 240 V, 50 – 60 Hz

Benefits:

-  Large sample volume
-  No contamination
-  Easy operation
-  Compact design



Compatible kits and available scripts

The number of compatible kits and available scripts is continuously updated, please contact CleanNA or your local distributor to obtain the most current information on available scripts for your specific application or CleanNA kit(s).




Clean Magnet Plate 96-well RN50

The Clean Magnet plate 96-well RN50 is designed to accommodate a wide variety of applications. Equipped with strong Neodymium-Iron-Boron (NdFeB) ring magnets, it is the ideal tool for fast and reliable magnetic bead separations. The magnets offer excellent magnetic bead capture and allow for complete supernatant removal while eliminating magnetic beads loss.

Specifications:

Name	Clean Magnet Plate 96-Well RN50
Model	CMAG-RN50
Magnets	Strong NdFeB ring magnets
Sample volume	30 up to 2000 µL ¹⁾
Elution volume	≥ 30 µL ²⁾
Processing volume	30 up to 2000 µL ¹⁾
Plate compatibility	compatible with many 96-well round or v-bottom plates and PCR plates
Size	SBS format

Benefits:

-  Fast separations due to strong NdFeB ring magnets
-  Efficient supernatant removal
-  Universal design for 96-well applications



¹⁾ Depending on sample type, customer preference and/or plate specifications.

²⁾ Depending on customer preference and used plate specifications. Some plates might require a different elution volume. Ensure all magnetic beads are covered by the elution for optimal elution conditions.

About CleanNA


CleanNA is a Dutch manufacturer of magnetic bead-based nucleic acid extraction kits. We produce our reagents according to our EN-ISO 13485 certified quality management system and our kits are easy to automate on general liquid handling systems. CleanNA's product portfolio includes kits for extraction from a range of sample types, both for research and diagnostic procedures.

CleanXtract instrument series v1-2026



Our quality management system is certified to EN ISO 13485 and EN ISO 9001 by Bureau Veritas

Contact

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Ready to order?

Order via your local distributor or contact us via our details below.
Order info

Name	Catalog number
CleanXtract 96	CXT-I096
CleanXtract LV	CXT-LV
Clean Magnet plate 96-well RN50	CMAG-RN50

distributed by: