



Extracting High-Quality Nucleic Acid Made Easy with **Nextractor**[®] **NX-Duo**

Interchangeable Format

Easy to switch the module between 24 or 96 well plates

Flexible Magnetic Separation with NX-Duo

Choose the appropriate magnetic head for your specific protocol requirements.

To ensure reliable and consistent operation, it is important to select a magnetic head that aligns with the protocol requirements of your particular application. When selecting a magnetic head for your device, it is essential to choose one that meets the protocol

requirements of your specific application.

Magnetic bead-based separation techniques are commonly used in the field of molecular biology and biochemistry.

*Available in 24 or 96 pre-filled well plates input volume 96 well plate = $50 \sim 400 \ \mu$ l 24 well plate = $2000 \sim 4000 \ \mu$ l



Switch two magnet heads between 24 or 96 well plates

UV sterilization

Edit or create protocols directly

96-well or 24-well

Heating block

Sensor that recognizes reagents



96 well plates 50-400 μl **24 well plates** 2000-4000 μl

Recognition Sensor

The sensor recognizes the reagent and shows the location of the reagent in the user interface. Visual cues are simple and intuitive, making it easier for laboratory staff to operate the instrument and perform tests with confidence.







How Visual Feedback Helps Prevent Errors

The yellow light activation is a key indicator that the reagent well plate has been properly installed and is ready to use. It helps ensure the user's awareness of informing that the instrument is ready to begin testing, which can help prevent errors and improve the accuracy of test results.



Extraction Reagents

DNA **RNA** cfDNA (ctDNA) Pathogens Pathogens Cell RNA FFPE gDNA Microbiome Microbiome Cell DNA Tissue Plasmid DNA Plant FFPE Tissue Plant



Advancing Genetics Research with Cell-Free DNA Extraction

Overall, cell-free DNA extraction is a powerful and versatile technique that can help researchers obtain high-quality DNA samples for a wide range of applications. Suitability for the next generation sequencing makes it an important instrument for advancing our understanding of genetics and genomics. Unlock genetic insights in just 45 minutes.

Specifications



Pre-filled cartridge

Available in 24 or 96 pre-filled well plate Sample input volume : 96 well plate = 50 \sim 400 μ l 24 well plate = 2000~4000 μl



Turnaround Time

Up to 96 or 24 samples in a single run in 15-35 minutes (depending on sample type and protocol)

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Dimension & Weight 560 mm(W) x 580 mm(D) x 457mm(H) / 60 kg

Technical parameters

Power: 100 - 240 V AC, 3.0-1.5 A, 50/60 Hz UV sterilization and Door sensor LED light Heating range: room temperature ~ 120°C



User-friendly Interface

Pre-programmed and customized protocols 6" LCD touch screen based on Window system The start button will be activated when the user install the reagent and comb properly.

> (6)

Nextractor[®] instrument line

Nextractor®instrument:

Instrument size

Samples per run

Reagents

User interface

Heating range

Nextractor[®]NX-48N

385 mm(W) x 390 mm(D) x 400mm(H) / 25 kg

1-48 samples in 15-30 min

Pre- filled reagents with various package sizes

7" LCD touch screen

GENOLUTION

Room temperature~120°C

Nextractor[®]NX-Jr

205 mm(W) x 280 mm(D) x 285mm(H) / 12 kg

8 samples in 15-30 min

Pre-filled individual cartridge

4" LCD touch screen

Room temperature~100°C



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