



JANT PHARMACAL
CORPORATION
Laboratory & Point of Care Diagnostics



Extracting High-Quality Nucleic Acid Made Easy with

Next extractor[®] NX-48N

Specifications

Pre-filled cartridge

Available in 4 (1T), 32 (8T),
or 96 (24T) well plate
No additional format change necessary

Turnaround time

Up to 48 samples in a single run
in 15–30 minutes
(depending on sample type and protocol)

User-friendly interface

Easy to operate with minimum training
Pre-programmed and customized protocols
7" LCD Touch Screen

Individual cartridge

Sample input volume : 200 ~ 400 μ l
Elution volume : 50 ~ 150 μ l

Certification

ISO 13485 : 2016
CE

Technical parameters

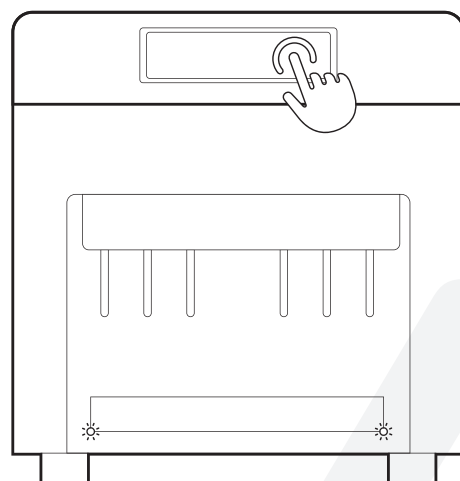
Power: AC100 – 240 V 3.0 – 1.5A, 50/60 Hz
Fuse 250 V AC, T3, 15 AL
UV sterilization and door sensor
Heating range: room temperature ~ 120°C

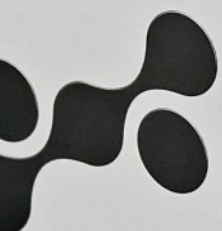
Auto calibration

Automatic axis adjustment
Minimal hands-on calibration necessary

Dimension & Weight

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





GENOLUTION

Efficient and Waste-Free: Customize Sample Count with our Diagnostic Instrument

Maximize Efficiency with Extraction of up to 48 Samples:

Our cutting-edge NX-48N instrument for in vitro diagnosis offers the capability to extract up to 48 samples in a single run. Say goodbye to time-consuming batch processing and accelerate your research with our high-capacity instrument.

No Reagent Waste, Optimize Efficiency:

Embark on a journey of uncompromising efficiency with our advanced in vitro diagnostic instrument. Harness the power of precise sample customization, allowing you to tailor the number of samples to be tested on the instrument. By accurately adjusting the sample count, you eliminate the wastage of valuable reagents, maximizing their utilization for highly cost-effective experiments. With the versatility to accommodate from one to a maximum of 48 samples per run, NX-48N ensures no reagent goes to waste, offering unparalleled efficiency at every step of your diagnostic research.

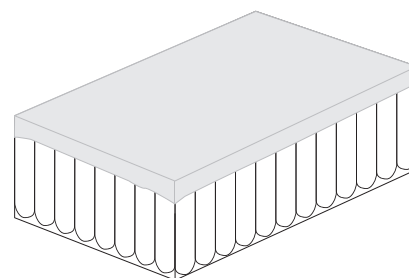
Unparalleled Stability and Technical Expertise:

NX-48N stands out as the pinnacle of stability and technical excellence among our product lineup. Designed with meticulous attention to detail, it guarantees consistent and reliable performance, providing you with the utmost confidence in your diagnostic research.

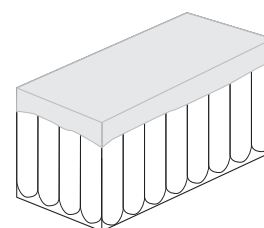
Streamline Your Workflow:

With the ability to extract up to 48 samples, adjust the number of samples to minimize waste, and leverage the heating function, our instrument empowers you to streamline your workflow, save time, and optimize your research processes like never before.

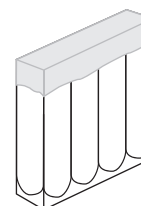
Cartridge



96 well



32 well



4 well

Features

Achieve Unrivaled Precision with NX-48N:

Prepare to embark on a journey of exceptional precision and accuracy. Our state-of-the-art instrument, NX-48N, boasts stable technical performance, ensuring reproducible results that elevate your in vitro diagnosis to unprecedented levels of accuracy. With unwavering confidence, you can challenge the frontiers of diagnostic research, unlocking groundbreaking discoveries that redefine scientific excellence.

Invest Wisely in Your Research:

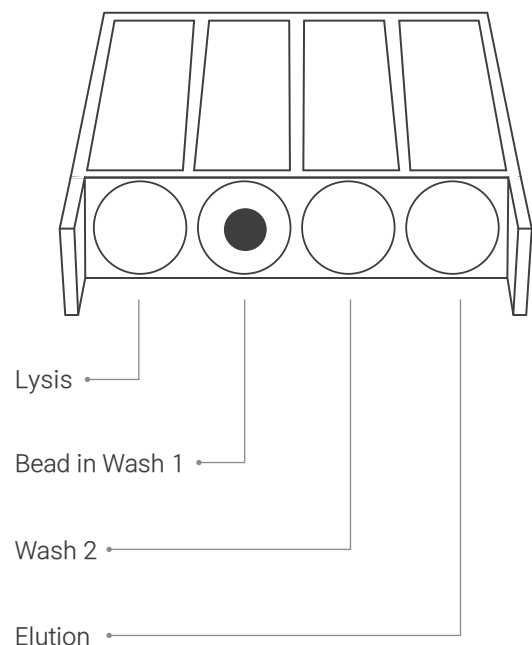
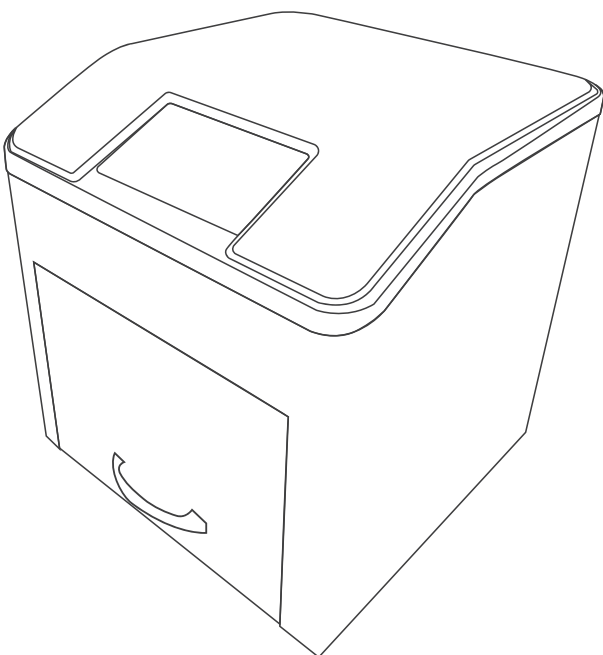
When it comes to technical stability and cutting-edge features, NX-48N stands as the undisputed leader. Make a strategic investment in your research by selecting the market's finest and most reliable instrument, trusted by researchers worldwide. With NX-48N, you secure a foundation for success, enabling you to pursue innovative avenues and leave an indelible mark in your field.

Unleash the Power of Innovation:

Empower your research endeavors with the advanced capabilities of our in vitro diagnostic instrument. NX-48N offers an unparalleled range of possibilities for your studies. Maximize your sample capacity, eradicate reagent waste, and harness the full potential of the heating function to explore novel scientific frontiers. Embrace innovation and revolutionize your field with NX-48N as your steadfast ally.

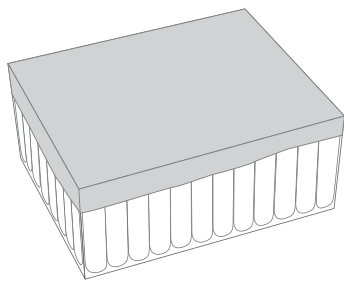
Reach New Heights in Diagnostic Research:

Take your in vitro diagnosis research to unprecedented heights with NX-48N. Designed to optimize efficiency, eliminate waste, and provide unmatched stability, our instrument empowers you to ascend to the forefront of scientific exploration. Join the ranks of esteemed researchers who rely on NX-48N to redefine the boundaries of diagnostic research and make profound contributions to scientific knowledge.

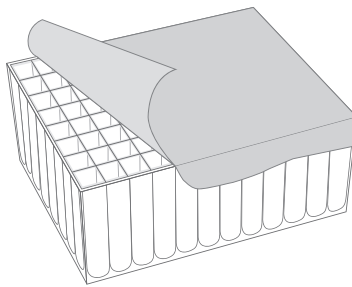




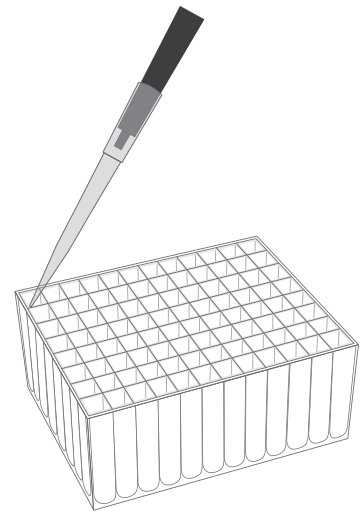
How to use



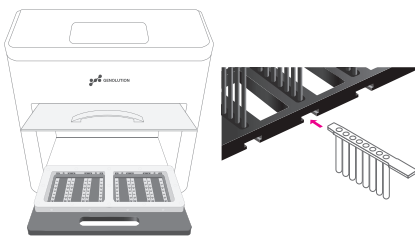
1. Prepare the sealed cartridge



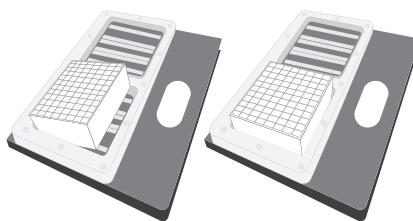
2. Carefully remove the attached seal



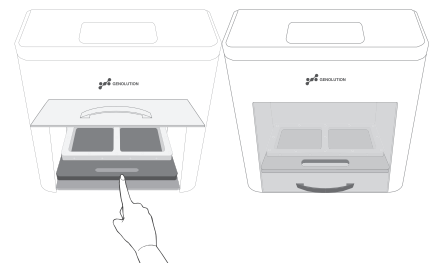
3. Inject the sample into the lysis compartment



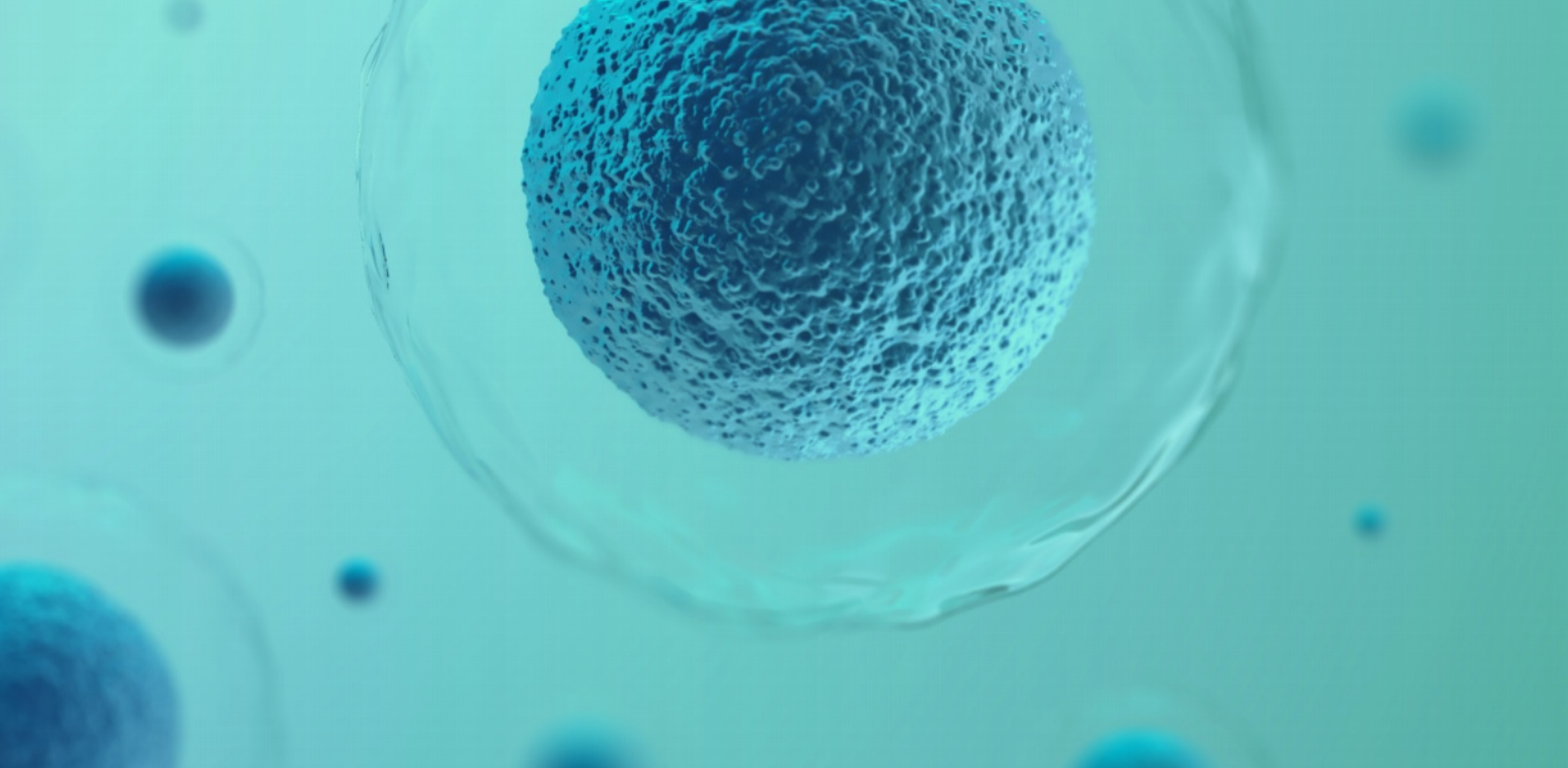
4. Open the door and pull the heater base forward. Insert the strip all the way into the instrument



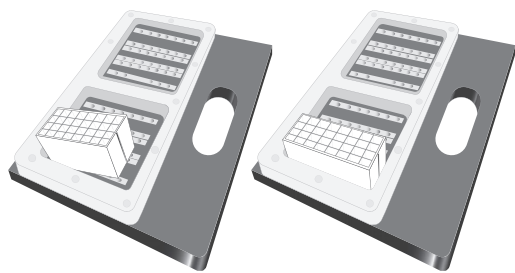
5. Fasten the cartridge properly



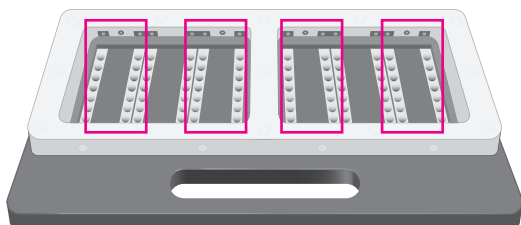
6. Push in the heater base and close the door



32 well plate

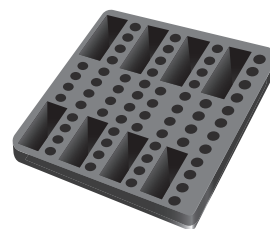


1. Fasten the 32 well cartridge to heater base properly

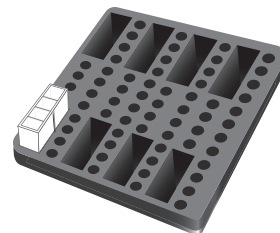


2. A total of 4 plates can be bound to the heater base as shown in the figure above

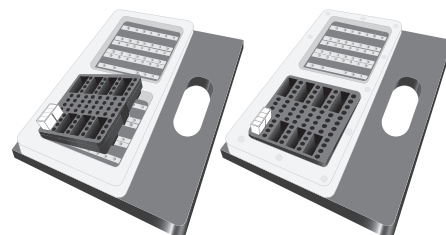
4 well plate



1. Prepare the single cartridge adapter



2. Fasten the 4 well plate to single cartridge adapter



3. Fasten the single cartridge adapter to the plate loader properly

Nexttractor[®] instrument line

Nexttractor[®] instrument:

Instrument size

Samples per run

Reagents

User interface

Heating range

Nexttractor[®] 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



Nexttractor[®] NX-Duo

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

24 / 96 samples in 15–30 min

Pre-filled reagents

6" LCD touch screen

Room temperature~120°C



JANT PHARMACAL CORPORATION
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