



Nextractor<sup>®</sup> **NX-48N**  
Automated DNA/RNA Extraction System

# Features & Specifications

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## Turnaround time

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



## Click-on strip & plate loading

- Ensure right position and improve stability
- Sample input volume : 200 ~ 400  $\mu$ l
- Elution volume : 50 ~ 150  $\mu$ l



## Auto calibration

- Automatic axis adjustment
- Minimal hands-on calibration necessary



## Pre-filled cartridge

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



## User-friendly Interface

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



## Dimension & Weight

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



## Safety

- 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

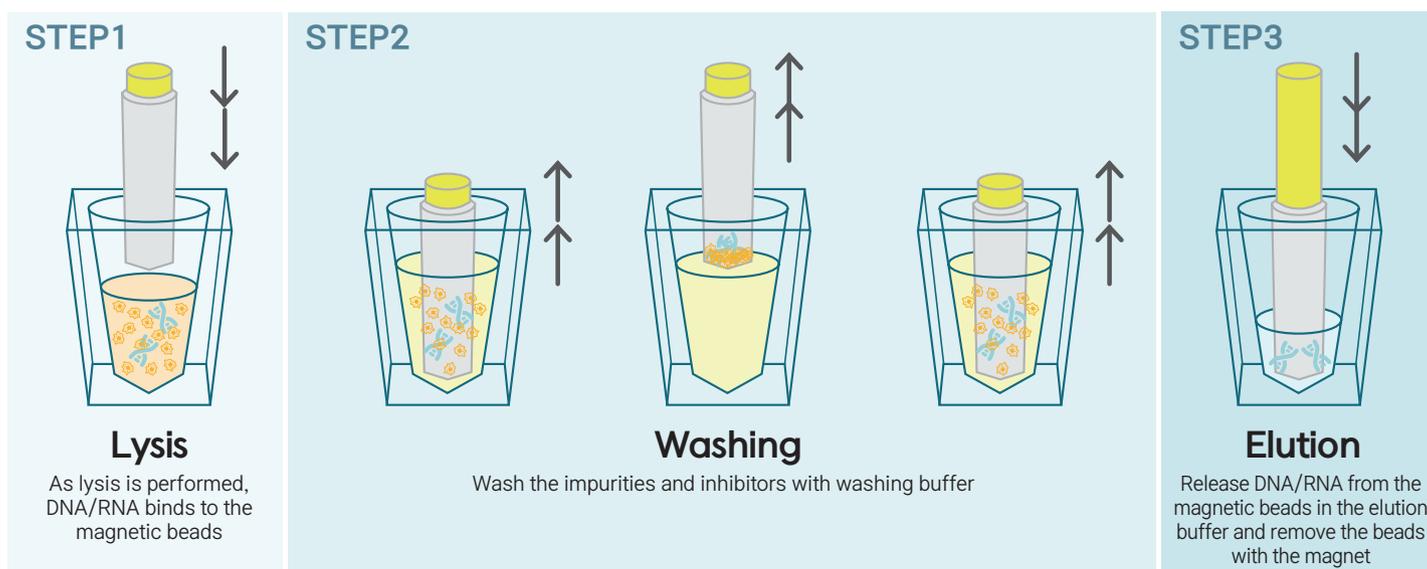


## Certification

- ISO 13485 : 2016 - Certification Quality Management System



# Magnetic Bead Based Nucleic Acid Extraction



## Extraction Reagents

Products	Package size		Sample	
	NX-48N			
Bacterial DNA Kit	48T / 96T		Raw Sputum, Pre-Treated(NaOH, NALC) Sputum, Bronchial secretion, CSF, Urine, Cell culture, Etc	
			Urine / Vaginal / Cervical / Genital / Urethral Swab, Semen, Ulcer	
Viral			DNA Kit	Serum, Plasma
	RNA Kit			
	NA Kit	Serum, Plasma, Nasal Swab, Sputum		
FFPE DNA Kit	48T		FFPE, Tissue	
Stool			DNA Kit	Stool, Fecal / Rectal Swab
			RNA Kit	
Tissue DNA Kit			Tissue	
Genomic DNA Kit			Whole Blood, Buffy Coat, Buccal Swab, Saliva	
Cell	DNA Kit	48T / 96T	Cell	
	RNA Kit		Cell	
Plant DNA Kit	48T		Seed, Rice, Corn, Wheat, Bean	
			Leaf, Stem, Root	
Food DNA Kit			Food, Feed	

# Automatic DNA / RNA Extraction System



**Nexttractor® NX-Duo**

- 24 / 96 samples in 15-30 min
- Pre-filled reagents
- Auto-calibration
- 6" LCD touch screen



**Nexttractor® NX-Jr**

- 8 samples in 15-30 min
- Pre-filled individual cartridge
- Automatic strip discarding
- 4" touch screen

## Memo



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