



Nextractor[®] NX-Junior

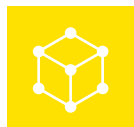
Automated DNA/RNA Extraction System

Features & Specifications



Turnaround time

- Up to 8 samples in a single run in 15- 30 minutes (depending on sample type and protocol)



Individual cartridge

- Ensure right position and improve stability
- Sample input volume : 200 ~ 800 μ l
- Elution volume : 50 ~ 150 μ l



User-friendly interface

- Minimal training required for operation
- Pre-programmed and customized protocols
- 4" touch screen



Dimension & Weight

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



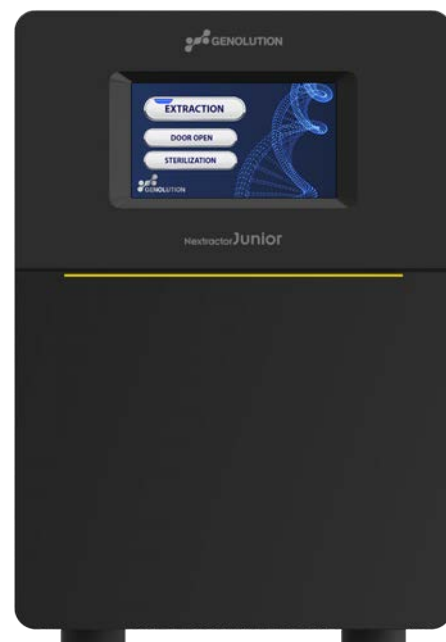
Safety

- Power: 100~240 V, 2.0A, 50/60 Hz
- Automatic door and UV sterilization
- Heating range: room temperature ~ 100°C
- Heating rate: 100°C / 5 min

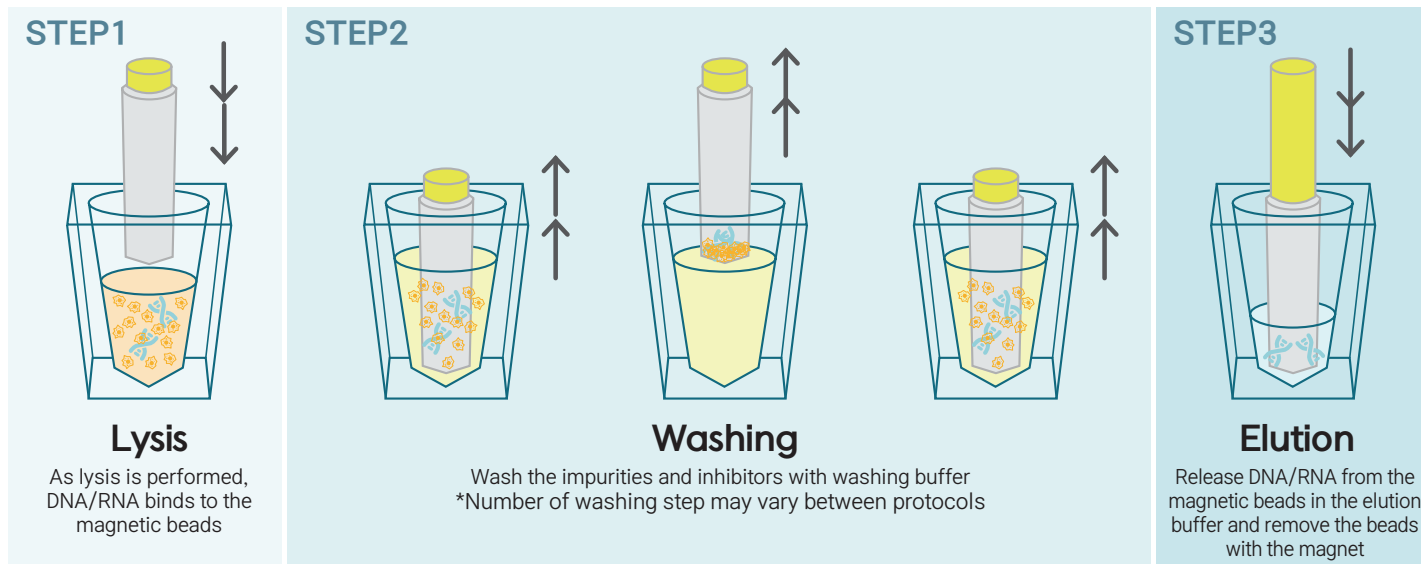


Certification

- ISO 13485 : 2016 – Certification Quality Management System



Magnetic Bead Based Nucleic Acid Extraction



Extraction Reagents

| Products | Package size | | Sample | |
|-------------------|----------------------|--|--|-----------------------------------|
| | NX-Junior | | | |
| Bacterial DNA Kit | Individual cartridge | | 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 | Serum, Plasma, Nasal Swab, Sputum |
| | | | NA Kit | |
| FFPE DNA Kit | | | 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 | Cell |
| | | | RNA Kit | Cell |
| Plant DNA Kit | | | 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-48N

- 1-48 samples in 15-30 min
- Pre-filled reagents with various package sizes
- Auto-calibration
- 7" LCD touch screen

Memo



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