

# NUCLEIC ACID PURIFICATION SYSTEM NPS11-1500



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## NPS11-1500

Nucleic Acid Purification System utilises the proven magnetic-particle technology to extract highly purified nucleic acid from a wide range of sample types relevant for molecular diagnostics, genetic identity testing, forensic testing, biomedical research and gene expression analysis. The combination of easy-to-use instruments, with pre-loaded protocols selection and magnetic particle-based sample preparation kits filled with unique special reagent ensures the rapid nucleic acid extraction and highly purified products.

Used in Biological, Medical Sciences, DNA and RNA Purification, Cultured Cells, Bacteria, Tissues, Cell-Free Body Fluids, Plant Samples, Blotting, PCR, Cloning.

Also known as Laboratory Nucleic Acid Purification System.

## NPS11-1500 NUCLEIC ACID PURIFICATION SYSTEM

Easy Operation-unique remote control pad saving time and improve your work efficiency.

Flexible solution-pre-loaded portocols selection for up to 15, 32 or 48 samples per run.

Fast startup and immediate results-with special rapid reagents, the extraction can be done within 10 minutes.

Reliable result you can depend on-high-quality nucleic acid ready to use in sensitive downstream applications.



## SPECIFICATIONS

| Model   | NPS11-1500   |
|---|--|
| Processing Volume                               | 30 -1500 $\mu$ l, 30-1000 $\mu$ l                          |
| Capacity  | 15,32,48 samples per run customized                        |
| Collection Efficiency of the magnetic particles | $\geq 95\%$  |
| Heating Temperature For Cell Lysis              | Room temperature to 120°C                                  |
| Heating Temperature for Nucleic Acid Elution    | Room temperature to 120°C                                  |
| Processing Mode                                 | Multi-mode, multi-speed available                          |
| Reagents  | Reagents suitable for Magnetic Particle Method             |
| Operation Interface                             | English Language Operating System, Touch-control Operation |
| Storage Capacity                                | 15 preinstalled protocols in main unit, unlimited in pad   |
| Protocol Management                             | Create, edit, delete, protocol mode                        |
| Pollution Control                               | UV light   |
| Computer Interface                              | USB  |
| Network Communication                           | Ethernet(optional)   |
| Dimensions(WxLxH)                               | 440×435×445 mm   |
| Weight  | 31.5 kg  |
| Power Requirements                              | C110 $\pm$ 10%/230V $\pm$ 10%, 50Hz/60H $\pm$ 1 Hz, 600 W  |

|  |         |
|--|---------|
| Temperatures allowed during operation      | 10-40°C |
| Relative humidity allowed during operation | <80%    |

***Centrifugen***

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