

# AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM NPS14-96



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Nucleic Acid Extraction System is important tool in molecular biology. The instruments are well suited for improving sample throughput and minimizing labor intensive manual tasks, like pipetting and dispensing. Systems typically also include functions such as shaking, temperature control, and PCR protocols.

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

Also known as Nucleic acid Extractor.

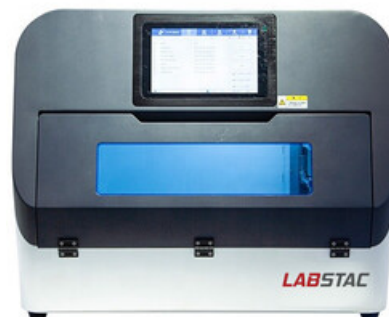
## NPS14-96 AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM

Display: 10.1 inch touch screen, easy to operate

Accurate temperature control and rapid temperature rise, can be adopted to actively reduce to room temperature and store samples in a short time at low temperature.

The module is integrated with shocking and heating, which can be mixed with shock while heating, saving extraction time.

Equipped with ultraviolet disinfection lamp, HDPE high efficiency filter and safety door protection function, it can effectively prevent aerosol pollution.



## SPECIFICATIONS

| Model                          | NPS14-96   |
|--------------------------------|--|
| Nucleic Acid Extraction Method | Paramagnetic particle method   |
| Sample Capacity                | 96-well  |
| Sample Volume                  | 20-1000 $\mu$ l  |
| Extraction Time                | 11min-60min  |
| Magnetic Bead Recovery         | $\geq 98\%$  |
| Magnetic Flux of Bar           | $\geq 4500$ Gs   |
| Operating Temperature          | RT-105°C   |
| Shock Function                 | Yes  |
| Temperature Accuracy           | 0.1°C  |
| Sample Protection Function     | Power on self-check, power off protection, high-temperature alarm, over-temperature protection |
| Disinfection Method            | UV Light   |
| Safety Door Design             | The instrument is suspended when the safety door is opened                                     |
| Operating System               | Windows system   |
| Scanning                       | Optional   |
| Storage                        | > 1000   |
| Interface                      | USB interface  |
| Package Size                   | 940x710x910 mm   |
| Gross Weight                   | 110 kg   |

|              |                      |
|--------------|----------------------|
| Power Supply | AC100-240V 50Hz/60Hz |
|--------------|----------------------|



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