

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.

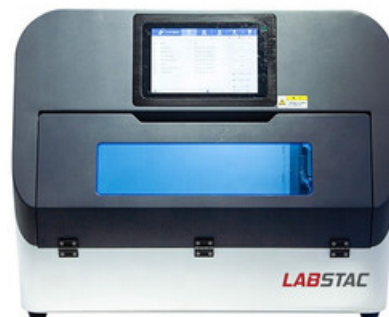
NPS14-96 AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM

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 μ l
Extraction Time	11min-60min
Magnetic Bead Recovery	\geq 98%
Magnetic Flux of Bar	\geq 4500Gs
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

LABSTAC

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