

N96

Automated Nucleic Acid Extraction System

The automated system is widely applied to extract nucleic acid from various biological samples such as whole blood, serum plasma, throat swab, secretions, exfoliated cells, urine, sputum, etc.



Name	Automated Nucleic Acid Extraction System
Specification	N96
Throughput	1-96
Pipetting Volume	5-1000 μ L
Consumables	96 deep well plate + 90 tip combs
Recovery	$\geq 99\%$
CV	$< 5\%$
Humidity	10-80 $^{\circ}$ C
Temperature	10-40%
Controlling Temperature Range	4-120 $^{\circ}$ C, with over-temperature protection
Sterilization	UV light + exhaust and HEPA filter
Vibration Module	Optional 8, 16, 24, 32, 48, 96 modules
Reagents	Prepacked magnetic beads nucleic acid extraction kits
Interface	10-inch touch screen, Chinese and English operating system
Program	Create new, edit, load and delete
Port	USB, microcomputer system, external hardware
Dimensions (L*W*H)	870*450*502 mm
Power Supply	A.C. 110-240 V/20 VAC, 50/60 Hz, 350W
Weight	59 Kg

Features:

- **Safety:** the instrument has the functions of power-on self-inspection, high temperature alarm, over-temperature protection, etc.
- **Sample Protection:** the experimental memory function will continue the experiment after restart caused by abnormal power failure.
- **Anti-Pollution:** built-in ultraviolet lamp for sterilization, independent exhaust and HEPA filter which adsorb nucleic acid sol.
- **Convenience:** 10-inch touch screen, visualized program operation controlled by microcomputer, easy to operate, free program editing.
- **Scalability:** reserved communication serial port supports secondary development, and creates fully automated solutions.
- **Linear Motion:** better compatibility and stability during the operation of the instrument.

Ordering Information

Cat. #	Description	Qty.
NAES-N96	N96 Automated Nucleic Acid Extraction System	1 Set/Carton
BNP027-3E	Virus DNA/RNA Extraction Kits (Pre-packed Magnetic Beads, MB96)	96 Preps/Kit