

Nucleic Acid Extractor, Automatic

NAE-32P

Features

-  Using high-precision screw
-  Adopt stepping motor brakeway scheme
-  Simple and generous appearance
-  Use UV light for disinfection



Description

- This product is an automated instrument that can provide safe and efficient nucleic acid extraction and purification for biological laboratories and clinical medicine departments. This product can extract nucleic acids from various samples such as animal and plant tissues, viruses, fungi, bacteria, plasmids, whole blood or cultured cells. It is equipped with multiple safety functions such as door opening protection, UV disinfection, and UV protection from the observation window to ensure the experimental results are safer and more reliable.



- Android operating system, matching 10.1-inch capacitive touch screen, simple and smooth operation
- Simple and generous appearance, bright and spacious observation window, working conditions are clearly visible

Features

- Adopt stepping motor brakeway scheme to ensure motion accuracy and operation safety
- Use UV light for disinfection to reduce cross-infection and aerosol contamination of samples
- Real-time display of program progress and remaining time
- Scalable Ethernet remote control
- Automatic power-off protection, prompts to continue unfinished program operation after power is restored, to ensure safe operation of the entire extraction/purification process
- Equipped with door opening protection function to prevent misoperation
- Support U disk import/export program, can connect keyboard and mouse
- Fast extraction 10-50 minutes/time (depending on different reagents).



- Support U disk import/export program, can connect keyboard and mouse



- Using high-precision screw to realize the transmission structure, the extraction efficiency is fast, and the nucleic acid yield is high

Specifications

Model	NAE-32P
Throughput	1-32
Process Volume	20-1000 μL
Consumable	96 deep well Plate+Magnetic rod stip
Collection Efficiency	≥98%
Stability	CV≤3%
Operation Temp. Range	10℃-40℃
Humidity Range	10%-90%
Heating Temp.Range	Normal temp.+5℃~125℃
Oscillatory mixed mode	Adjustable
Pollution control	UV light
Lighting	Yes
Safety protection	Auto data protection
Reagent type	Magnetic bead reagent
Display	10.1 touch screen, Android operation system
Communication	LAN, USB, Wi-Fi
Dimension(L*W*H)	430×390×505
Weight	30Kg
Electricity	AC100~240V 50Hz/60Hz 450W
Package Dimension (W*D*H) (mm)	590*550*720
G.W.(kg)	52