



## Nucleic Acid Purification System LNAP-A2 Series

## Nucleic Acid Purification System LNAP-A20

Nucleic Acid Purification System LNAP-A20 is a benchtop unit comes with sample quantity of 10 and process volume ranges from 50 to 1000  $\mu$ l. Adopted with magnetic bead separation technology with consumable of 5 ml tube strip and magnetic rod's tip. Offers elution temperature ranges from ambient temperature to 120°C and lysis temperature ranges from ambient temperature to 120°C. Built-in exhaust fan, lighting LED lights to observe running status of the instrument in real time and 4.3 inch touch screen display. Integrated with program management includes PC software, APP software, program editing, setting and management procedures.

## Nucleic Acid Purification System LNAP-A21

Nucleic Acid Purification System LNAP-A21 adopts magnetic bead separation technology with consumable of 5 ml tube strip and magnetic rod's tip. Integrated with program management includes PC software, APP software, program editing, setting and management procedures. It is a benchtop unit comes with sample quantity of 10 and process volume ranges from 50 to 1000  $\mu$ l. Offers elution temperature ranges from ambient temperature to 120°C and lysis temperature ranges from ambient temperature to 120°C. Built-in exhaust fan, lighting LED lights to observe running status of the instrument in real time and 4.3 inch touch screen display.

### FEATURES :

- High yield of nucleic acid with low magnetic bead loss and good repeatability of results
- Large guide rail design offers more reliable structure and Screw rod design provide high operating accuracy
- 4.3 inch touch screen display for ease of monitoring various parameters
- Space saving design with maximum sample volume of 5 ml
- 10 samples can be processed at a same time
- Avoid cross contamination and provide UV disinfection
- Integrated with elution, lysis and heating function
- Manual setting of open instrument parameters
- APP software (Android system) which can monitor the system in real time through mobile device
- Built in with function such as QR code identification, magnetic absorption and release, mixing speed, cooling fan and other function

### APPLICATION :

Nucleic Acid Purification System is widely used in extraction of nucleic acids in animal and plant tissues, blood, body fluids, criminal examinations, DNA and RNA. It is suitable to use in molecular biology, biotechnology, immunology, cell and microbiology.

## SPECIFICATION :

Model. No	LNAP-A20	LNAP-A21
Maximum Sample Volume	5 ml	5 ml
Sample Quantity	10	10
Process Volume	50 to 1000 $\mu$ l	50 to 1000 $\mu$ l
Consumable	5 ml tube strip+ Magnetic rod's tip	5 ml tube strip+ Magnetic rod's tip
Throughput	1 to 10	1 to 10
Block Heating	None	Yes (RT + 5°C to 105°C)
Lysis Temperature	Ambient temperature to 120°C	Ambient temperature to 120°C
Elution Temperature	Ambient temperature to 120°C	Ambient temperature to 120°C
Purification Accuracy	100 Copy sample positive rate 95 %	100 Copy sample positive rate > 95 %
Stability	CV < 5 %	CV < 5 %
Collection Efficiency	> 95 %	> 95 %
Mixing	Mixing methods is editable according to different requirements	Mixing methods is editable according to different requirements
Operation Interface	4.3 inch touch screen, 3 shortcut keys, external mouse	4.3 inch touch screen, 3 shortcut keys, external mouse
Built-in Protocol	Pre-set 6 group programs, 100 pcs program can be saved	Pre-set 6 group programs, 100 pcs program can be saved
Program Management	PC software, APP software, Program editing, Easier management	PC software, APP software, Program editing, Easier management
Extension Interface	Standard USB, LAN, Wi-Fi	Standard USB, LAN, Wi-Fi
Lighting	Yes	Yes
Pollution Control	UV light	UV light
Exhaust Way	By Fan	By Fan
Data Storage	Built - in SD card	Built-in SD card
Maximum Input Power	300 W	350 W
Dimension	340×350×410 mm	340×350×410 mm
Weight	18 kg	18.5 kg

OPTIONAL ACCESSORIES :

Sr. No	Name of Accessory
1	Tube Strip
2	Magnetic Rod's Tip