



# Nucleic Acid Purification System LD-LNAP-A30

## DESCRIPTION :

Nucleic Acid Purification System LD-LNAP-A30 is a benchtop unit comes with sample quantity of 16 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 and. Adopted with magnetic bead separation technology with consumable such as magnetic rod's tip and 96 deep well plate. 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.

## FEATURES :

- 4.3 inch touch screen display for ease of monitoring various parameters
- Space saving design with maximum sample volume of 1 ml
- 16 samples can be processed at a same time
- Avoid cross contamination and provide UV disinfection
- Built in with function such as QR code identification, magnetic absorption and release, mixing speed, cooling fan and other function
- Manual setting of open instrument parameters
- Large guide rail design offers more reliable structure and screw rod design provide high operating accuracy
- APP software (Android system) which can monitor the system in real time through mobile device
- High yield of nucleic acid with low magnetic bead loss and good repeatability of results

## 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.

## Nucleic Acid Purification System LD-LNAP-A30

### SPECIFICATION :

Model. No	LD-LNAP-A30
Maximum Processing Volume	1 ml
Sample Quantity	16
Process Volume	50 to 1000 $\mu$ l
Consumable	96 Deep well plate and Magnetic rod's tip
Throughput	1 to 16
Block Heating	None
Lysis Temperature	Ambient temperature to 120°C
Elution Temperature	Ambient temperature to 120°C
Purification Accuracy	100 Copy sample positive rate > 95 %
Stability	CV < 5 %
Collection Efficiency	> 95 %
Short Operation Time	15 to 40 min per run
Mixing	Mixing methods is editable according to different requirements
Operation Interface	4.3 inch touch screen, 3 shortcut keys, external mouse
Built-in Protocol	Pre-set 6 group programs, 100 pcs program can be saved
Program Management	PC software, APP software, Program editing, Easier management
Extension Interface	Standard USB, LAN, Wi-Fi
Lighting	Yes
Pollution Control	UV light
Exhaust Way	By Fan
Data Storage	Built-in SD card
Maximum Input Power	300 W
Dimension	340×350×410 mm
Weight	18 kg

## STANDARD ACCESSORIES :

<b>Sr. No</b>	<b>Name of Accessory</b>
1	96-Deepwell Plate
2	Magnetic Rod's Tip