



Nucleic Acid Purification System LNAP-A40

DESCRIPTION :

Nucleic Acid Purification System LNAP-A40 adopts magnetic bead separation technology with consumable of 10 ml tube strips and magnetic rod's tip. It is a benchtop unit comes with sample quantity of 24 and process volume of 200 to 10000 μ l, offers lysis temperature ranges from ambient temperature to 120°C and elution temperature ranges from ambient temperature to 120°C. It is suitable to extract DNA, RNA in 30 to 60 minutes and for large sample size inspection unit. Built-in 7 inch touch screen display, exhaust fan and lighting LED lights to observe running status of the instrument in real time and intelligent operation with self-inspection and power protection function.

FEATURES :

- Adopts lead screw drive, diverse binding and magnetic absorption modes
- Disposable consumables can eliminate the cross contamination between holes and batches
- 7 inch color touch screen display for ease of monitoring various parameters
- To quick stop front cover is opened, convenient for observation and reagent optimization
- Space saving design with maximum sample size of 10 ml
- Provides program editing, power protection and self-inspection function
- Built in with drip proof plate and automatic identification 8-plate position design

APPLICATION :

Nucleic Acid Purification System is widely used in life sciences including biotechnology, microbiology, immunology, cell and molecular biology. It is suitable to use in extraction of DNA, RNA and nucleic acid.

SPECIFICATION :

Model. No	LNAP - A40
Maximum Processing Volume	10 ml
Sample Quantity	24
Process Volume	200 to 10000 μ l
Consumable	10 ml tube strips and magnetic rod's tip
Throughput	1 to 24
Working Principle	Magnetic beads method
Purification Accuracy	100 copy sample positive rate > 95 %

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Stability	CV < 5 %
Magnetic Beads Recycling Rate	> 95 %
Lysis Temperature	Ambient temperature to 120°C
Elution Temperature	Ambient temperature to 120°C
Mixing	Mixing ways can be editable
Operation Interface	7-inch touch screen, 3 shortcut buttons and mouse is available
Built-In Protocol	8 groups of preset protocols, 100 groups of protocols can be stored
Protocol Management	New, Edit, Delete, Save as
Expansion Interface	Standard USB, Ethernet port and WIFI are available
Lighting	Yes
Exhaust Way	By fan
Data Storage	Available with built-in SD card
Maximum Input Power	300 W
Dimension	560×620×500 mm
Weight	54 kg

OPTIONAL ACCESSORIES :

Sr. No	Name of Accessory
1	Magnetic Tip Con
2	24 x 14.6ml plat