

# Nucleic Acid Extractor

## NP9032

### Description:

NP9032 is device for DNA and RNA purification by using magnetic separation technology from different samples, such as whole blood, virus, tissues, cultured cells, bacteria and plant samples. The device is capable of using magnetic rods to transfer particles through the various purification phases of binding, mixing, washing and elution, offering a solution with minimized hands-on time. The DNA and RNA purification is of high quality and high molecular weight.

### Features:

- ◆ 7 inch touch screen, users can easily create and edit running programs.
- ◆ Heating function in Lysis and elution.
- ◆ Rapid extraction: 30~60min/time.
- ◆ Can process 32 samples per time.
- ◆ 120 groups of programs can be stored.
- ◆ Automatic control system, no need connect to computer.
- ◆ High purity and excellent yield of nucleic acid.
- ◆ Free programming to meet the needs of different reagent.
- ◆ UV disinfection function, time range 1min~120min.
- ◆ Vibration mixing, adjustable in 3 gear: slow, middle and fast.
- ◆ Safety door design: When open the door, the program is automatically suspended. When close the door, the program can continue to run.



### Parameters:

| Project                     | Parameters                               |
|-----------------------------|------------------------------------------|
| Sample volume               | 20uL~1000uL                              |
| Magnetic bead recovery rate | >95%                                     |
| Lysis temperature           | RT.+5°C~120°C                            |
| Elution temperature         | RT.+5°C~120°C                            |
| Heating time                | ≤4min ( from room temperature to 120°C ) |
| Temp accuracy               | ±1°C                                     |
| Program storage capacity    | 120                                      |
| Preset programs             | 2                                        |
| Data storage                | Available, with built-in SD card         |
| Input voltage               | AC85~265V/50-60Hz                        |
| Dimension(mm)               | 421×377×506                              |

| Project                             | Parameters                              |
|-------------------------------------|-----------------------------------------|
| Sample throughput                   | 1~32                                    |
| Difference between extraction holes | CV<5%                                   |
| Plate types                         | 96 Deep-well plate                      |
| Operation interface                 | 7-inch touch screen, 3 shortcut buttons |
| Extension interface                 | USB, RS232                              |
| Lighting system                     | Yes                                     |
| Disinfection function               | UV light                                |
| Exhaust way                         | By fan                                  |
| Power                               | 350W                                    |
| Fuse                                | 250V 3A φ5×20                           |
| Weight(kg)                          | 24                                      |



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