SPECIFICATIONS

H32
Nucleic Acid Automatic Extraction System

The fully automatic nucleic acid extractor

based on the principle of magnetic bead extraction and purification of nucleic acids, adopts an oscillating nucleic acid extraction and purification method to achieve rapid and efficient preparation and purification of a large number of sample nucleic acids. With corresponding nucleic acid extraction reagents, it can process serum, plasma, whole blood, swabs, amniotic fluid, feces, tissue lavage, tissue, paraffin sections, bacteria, fungi and other sample types. It is widely used in inspection, disease prevention and control. , Animal quarantine, entry-exit inspection and quarantine, food safety, forensic trace inspection, science, teaching and research, etc.

The extracted high-quality nucleic acids (DNA and RNA) can be used for highly sensitive downstream analysis, such as quantitative PCR, clinical molecular diagnosis, gene expression analysis, gene analysis, forensic and infectious disease research, etc.; the purified nucleic acid can be directly applied The next step of enzyme digestion, identification, disease diagnosis and treatment, etc.

Specification

Samples per Batch	1-32 samples
Block formats	96 wells (50-1000)μL)
Sample Volume	30μL-1000μL
Heating Temperature	Room Temperature to 80°C (Cell Lysis & nucleic acid Elution)
Processing mode	Multispeed Available
Operating Interface	English-Chinese, 10-inch touch screen
Reagents	Reagents suitable for magnetic particle method
Protocol management	Free setup, can store up to 100 users'setups
Sterilization method	UV sterilization (Programmable)