

## Nucleic Acid Extraction System

The nucleic acid extractor (BK-HS32) is an automated instrument, which can operate 1-32 samples at the same time, and the entire operation process is controlled within 50 minutes, which is very suitable for nucleic acid extraction from a large number of samples. It is applied to the nucleic acid extraction of various samples such as plant tissues, animal tissues, whole blood, bacteria, plasmids, viruses, serum free, forensic materials, marine organisms, herbal medicines, and fungi, with stable results.



### Features

1. 32 channels
2. Use a magnetic rod to transfer magnetic beads without cross-contamination.
3. The magnetic rods are uniform in magnetism, no magnetic beads will run up, the extraction rate is high, and the result is stable.
4. With a number of magnetic bead method nucleic acid extraction kits, the magnetic rod has strong magnetism and no magnetic bead retention.
5. Friendly operation interface, no need to connect an external computer, you can set the extraction program by yourself.

### Technical Parameters

Model	BK-HS32
Multi-mode Operation	List mode, shortcut, view mode
Processing Volume	20μL-1000μL
Sample Throughput	1-32
Magnetic Bead Recovery	>98%
Extracting the Difference Between Holes	CV≤3%
Heating Temperature	8 independent heating modules, customize lysis and elution temperature (temperature range) according to your needs
Oscillating Mixing	Low,medium and high third gears are adjustable, and the fluctuation range can be adjusted with the reagent volume
Reagent Type	Magnetic bead open platform
Extraction Time	15-60 min/round (depending on the reagent used)
Internal Program	Be able to store >500 groups of programs
Program Management	Powerful program editing capabilities to meet different reagent needs. U disk program import and export can be achieved
Safety Door Design	After the safety door is opened,the program operation will be automatically suspended, and the program can continue t run after the safety door is closed
Built-in Air Duct	Built-in air duct to avoid cross infection
Safety Protection	Support power-off protection and continuous operation after power is restored
Flashlight	Yes
Ultraviolet Irradiation	Yes
Package Size (W*D*H)mm	538*538*750
Gross Weight (KG)	37