



## Automatic Nucleic Acid Extractor (32-Channel)

The YC702 automatic nucleic acid extractor adopts the latest technique of magnetic bar adsorption and transfer method for nucleic acid purification. Using 96 deep well culture plates in combination with different kinds of magnetic bead-based nucleic acid extraction reagents, it can process 1-32 samples at the same time, and to automatically extract and purify nucleic acid from various samples such as blood, cells, tissues and viruses. With its various preset quick-start programs, the extractor is able to provide every busy lab with highly stable and efficient automated nucleic acid purification solutions.

**High compatibility:** In addition to the reagents provided along with extractor, it is compatible with various reagents from different manufacturers.

**High recovery rate:** In the strong absorption mode, the magnetic bead recovery rate is  $\geq 98\%$ .

**High accuracy:** It has a unique drive structure, and is featured by large amplitude of magnetic bar, high accuracy and long life span.

**Contamination prevention:** Multi-contamination-prevention design to avoid cross contamination

**Multiple modes:** Commonly used quick-start programs are preset, and users can create new programs.

**Easy to use:** The extractor is small in size and is easy to carry. It adopts user-friendly UI design which facilitates understanding and operating. All parameters can be run at once, so that an experiment can be finished quickly within 30 min.

**Various reagents:** Various extraction reagents can be used for different samples.

**Single extraction quantity: 1-32 samples**

## Reagent Kits Provided along with 32-Channel Nucleic Acid Extractor (magnetic bead-based)

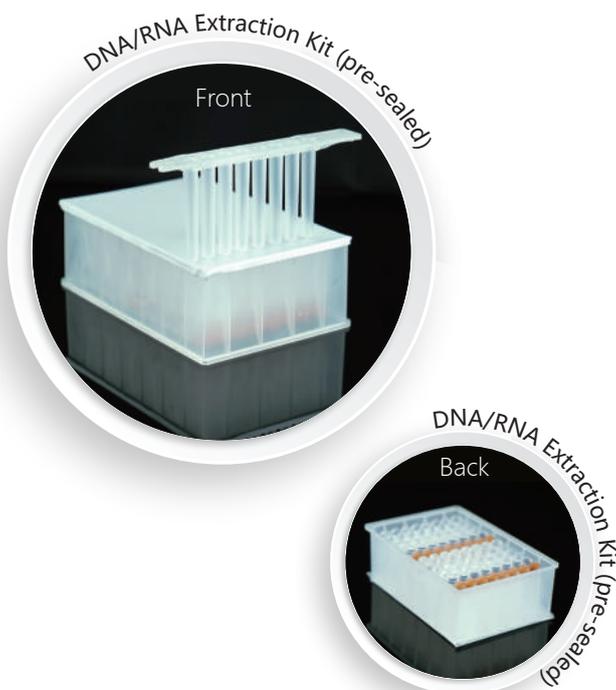
### DNA/RNA Extraction Kit (pre-sealed)

This kit employs a unique buffer system, which uses silica based magnetic beads to absorb and release DNA/RNA specifically for DNA/RNA extraction and purification. It can extract and purify high-quality pathogenic microbial genomes DNA/RNA from serum, plasma, cell cultures, urine, swabs or various virus preservative liquids, and remove proteins and other organic compounds in cells to the largest extent. Virus DNA/RNA extracted with this kit is applicable to various general operations, such as PCR, RT-PCR, qPCR, qRT-PCR and other experiments.

#### Product features:

- Contaminant-free, quick and nontoxic
- DNA/RNA extracted is featured by high purity and stable quality.
- It can be used in various nucleic acid extractors or workstations for automatic operation.

Compatibility: Compatible with Magnetic Bead-based DNA/RNA  
Extraction Kit (pre-sealed) (SC906)



Compatible model: YC702 Automatic Nucleic Acid Extractor (32-Channel)

Shelf life: 12 months (at ambient temperature of 15-25°C)

Specification: 16 EA/box

## Automatic Nucleic Acid Extractor (12-Channel)

**High compatibility:** Compatible with reagents from different manufacturers.

**High economic efficiency and practicability:** Single strip design allows one reagent strip for one sample

**Contamination prevention:** Multi-contamination-prevention design to avoid cross contamination

**Multiple modes:** Commonly used quick-start programs are preset, and users can create new programs.

**Various reagents:** Various extraction reagents can be used for different samples.

**Single extraction quantity: 1-12 samples**

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Compatibility: Compatible with nucleic acid (DNA/RNA) extraction and purification kit (magnetic bead-based) (SC902)

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## Reagent Kits Provided along with 12-Channel Nucleic Acid Extractor

### Nucleic acid (DNA/RNA) extraction and purification kit (magnetic bead-based)

Be able to extract and purify high-quality viral RNA from serum, plasma, cell cultures, urine, swab or various virus preservative fluids.

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Compatible model: YC701 Automatic Nucleic Acid Extractor (12-Channel)

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Shelf life: 12 months (at ambient temperature of 15-25°C)

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Specification: 50 EA/box

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Nucleic acid (DNA/RNA) extraction and purification kit (spin column)

### Nucleic acid (DNA/RNA) extraction and purification kit (spin column)

- Efficient and specific nucleic acid binding spin columns and a dedicated lysis and washing system are used.
- Applicable to samples including whole blood, serum, plasma, oral swab and various virus preservative fluids.
- Quick and convenient, highly purified RNA can be obtained from a single sample within 30 min.
- The viral RNA obtained is free from contamination by protein, nuclease or other impurities, and can be used directly in downstream molecular biology experiments.
- High repeatability, high yield, and able to recover trace viral RNA

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Shelf life: 12 months (at ambient temperature of 15-25°C)

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Specification: 50 EA/box

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**JoJo Life Science UG** (haftungsbeschränkt) - **Biberstraße 32 - 89537 Giengen**  
**Tel. 07322-9111329 - Mail: [info@jojo-ls.de](mailto:info@jojo-ls.de) - Web: [www.jojo-ls.de](http://www.jojo-ls.de)**