

HELINI MagPure - 96 Automatic DNA/RNA extraction system



Features:

- User friendly - magnetic beads based automatic DNA/RNA purification system.
- Open type instrument - accepts all reputed suppliers consumables.
- High purity and yield efficiency.
- Touch screen interface operation - Switchable modules: 24/96.
- Temperature control: room temperature to 100°C built in cooling & heating.
- Pro-programmed capability & Built in Timing UV sterilization.
- Fast extraction: 96 samples in 10 - 45minutes per run.
- Ready to use kits available for all types of clinical and Research samples.
- Technical supports/extended warranty.

Specifications:

- Handle volume : 50µl - 1000µl
- Flux of samples : 24 -96
- The number of magnets : 96
- Magnetic bead size : >100nm
- Magnetic particles collection efficiency : >95%
- Template set : 96 orifice plate & 24well plate
- Sterilization: ultraviolet lamp
- Heating : Optional heating module, Room temperature to 100°C - Lysis and elution.
- Purification holes difference : CV < 3%
- Purification sensitivity : 100%
- Operation interface : All the English colour LCD + touch screen operation
- Instrument extension interface : USB
- Program management : New, edit, delete, model program
- Appearance and weight of machine: Dimension : 40cm×41cm×50cm / 50kgs



Working environment:

- Temperature : 10°C~40°C
- Relative humidity : < 80 %
- Power Supply : AC 110~240V, 50Hz/60Hz, 750VA,
- Recommend the use of UPS power supply.

Make: Bioteke-AU1001-96

AU1001-96

Instrument features

High-throughput automatic : Using our superior magnetic bead transfer technology, 96 magnetic bars work at high speed, you only need to click on the screen, 96 samples are completed in 20-40 minutes, and the sample can be processed up to 1000 copies per day. Customers with quantitative needs provide standardized solutions.

Multi-modular configuration : The 96-well module and the 24-well module are freely switchable. The 96-well module has a single-well volume of 2.2ml, and the 24-well modules have a single-well volume of 11ml. Customers no longer have to worry about the large amount of sample loading.

Temperature control : heating and cooling dual temperature control design with lysis and elution to complete the experiment efficiently, the heating module can quickly heat up to 120 °C, combined with the deep-well plate and 96 holes without temperature difference to ensure experimental uniformity. The cooling module can quickly cool the hole to 4 °C, and it is safe to store the nucleic acid without transferring it immediately.

Intelligent operating system : The instrument is equipped with windows pad dual worksystem, large-capacity memory, can store 700 programs, intelligent programming can let the device stop and run, do whatever you want, so that your experimental program is no longer monotonous. The external port can be incorporated into the sample library management system and is the best partner for sample library quality control.

Repeatability : 96 permanent magnets have been tested for thousands of times. The magnetic stability guarantees that the recovery rate of each magnetic bead is above 99%, and it is perfectly matched with the stirring sleeve. The working position, the hole spacing and the reagent plate reach the best status. In a reasonable operation mode, there will never be an overflow cross-contamination.

Application : Based on the above characteristics, this product is widely used in biological sample library for large sample quality control, large molecular sequencing platform, clinical testing, neonatal prenatal screening, model animal platform, genetically modified crop research. Five of the top ten molecular diagnostics in the country use our products and have good cooperation with hundreds of research institutes. What is more worth mentioning is that our products have helped the China Center for Disease Control and Prevention, and the China National Food and Drug Administration and other large-scale national laboratories have provided great help in scientific research and practical applications.



Touch screen programming, real-time update and adjustment of operating procedures



Double heating and cooling module



Gold-plated copper heating and cooling more quickly



96 magnetic bar permanent magnet



Disposable mixing sleeve and drip-proof baffle to prevent contamination



96 turntables



96-inserted module strip



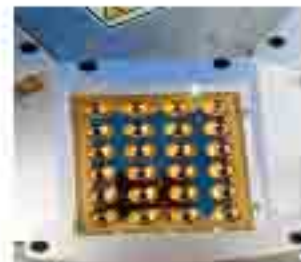
8 holes per strip, 6 strips at the same time, suitable for a small number of sample operations



24 large capacity modules (11ml capacity per hole, suitable for large samples)



24 magnetic bars



24 semiconductor heating and cooling module



24 magnetic bars and mixing sleeves



24 mixing sleeve and bottom slot

Magnetic bead method series product list

It will not block the column, block the pipette tips, block the board, and avoid the waste of precious samples.

Animal tissue and coagulated blood are directly extracted from the machine without prior grinding and digestion, avoiding lengthy grinding and centrifugation steps.

Core advantages

Innovative extraction process: 96 RNA extraction takes only 35 minutes.

More than 100 kinds of kits are available, covering all categories.

Cat.No	Product Name	Cat.No	Product Name
AU18112	Magnetic beads Whole Blood Genome DNA Extraction Kit	AU7011	Magnetic beads Saliva and Tissue DNA Extraction Kit
AU18015	Magnetic beads Poultry Blood Genome DNA Extraction Kit	AU70211	Magnetic beads Sputum Genome DNA Extraction Kit
AU18016	Magnetic beads MIDI Whole Blood DNA Extraction Kit	AU72011	Magnetic beads Sperm Genome DNA Extraction Kit
AU18017	Magnetic beads Coagulated Blood Genomic DNA Extraction Kit	AU31111	Magnetic beads Plant Genome DNA Extraction Kit
AU18119	Magnetic beads Dry blood Genome DNA Extraction Kit	AU46111	Magnetic beads Stool Genome DNA Extraction Kit
AU18020	Magnetic beads MIDI Coagulated Blood Genome DNA Extraction Kit	AU46212	Magnetic beads Soil Genome DNA Extraction Kit
AU4001	Magnetic beads Blood Total RNA Extraction Kit	AU80021	Magnetic beads Stool Total RNA Extraction Kit
AU19014	Magnetic beads Micro amount Tissue Genome DNA Extraction Kit	AU71111	Magnetic beads FFPE Genome DNA Extraction Kit
AU19013	Magnetic beads Marine Animal Tissue Genome DNA Extraction Kit	AU53211	Magnetic beads FFPE tissue RNA Extraction Kit
AU1201	Magnetic beads Tissue Total RNA Extraction Kit	AU52111	Magnetic beads Viral DNA/RNA Extraction Kit
AU20011	Magnetic beads Bacterial Genome DNA Extraction Kit	AU53011	Magnetic beads Viral DNA Extraction Kit
AU17011	Magnetic beads Agrose Gel DNA Recovery Kit	AU52021	Magnetic beads Viral RNA Extraction Kit
AU10111	Magnetic beads Plasmid Mini Preparation Kit	AU52012	Magnetic beads cfDNA Extraction Kit

Remarks: 16 or 96 pre-packaged kits are available for the above products