

## PurePrep 96

The PurePrep 96 is an automated system for purifying DNA, RNA, proteins and cells from a variety of sample materials, such as blood, cells and tissue samples. The PurePrep 96 purification technology is automated and enables high-speed, high-quality processing with no cross-contamination between the samples or reagent carry-over.



**High throughput, fast extraction and modular design can meet a variety of needs in a single unit.**

### Features

- High throughput: the PurePrep 96 can process 96 samples in a working volume of 1 ml simultaneously
- Open and multifunctional design to provide more methods for reagent optimization
- Touchscreen interface and easy operation, parameters can be tuned based on experimental requirements
- Accurate temperature control system
- Patented structure design with center rotary table, optimizing space of the magnetic rod tip comb
- Drip shield plate
- Starts with self-check, equipped with power-off protection
- 8-plate identification design guarantees target position
- Automatic detection of consumables presence
- QR code identification for reagent recognition, without program selection

### Benefits

- Ensure stability of purification performance by controlling temperature
- **Optimize space of the magnetic rod tip comb for stability and reliability (success rate > 99.99%)**
- Avoids reagent splashing, through drip shield plate
- Avoids bead drying, controlled by software
- Consumables to avoid cross contamination
- Front door can be opened to stop the system at any moment for reagent optimization and performance checking

### Compatible with automated systems (optional)

- The PurePrep 96 can be used with automation systems, including robotic arms, liquid handlers, etc.

### Plastics

4x deep well 96 plate

1x 96 deep well tip comb

1x 96 elution plate



### Technical Data

Type	PurePrep 96
Throughput	1 to 96
Process volume	50 to 1,000ul
Collection efficiency	> 95%
Magnetic rods	96
Accuracy	CV < 5%
Processing plate type	96 Deepwell plate
Heating for lysis tube	Ambient temperature to 120°C
Heating for elution tube	Ambient temperature to 120°C
Operation	7-inch color touch screen
Extraction steps	Lysis, sample binding, washing and elution
Storage capacity	> 100 programs
Protocol management	Create, edit and delete mode
Decontamination	UV light
Extension interface	4 standard USB port, built-in SD card
Cooling system	Fan-based
Power Supply	450W
Dimensions	560 × 620 × 500mm
Weight	54kg

### Accessories

Code	Description
OE-17060-00	PurePrep 96 Nucleic Acid Purification System, AC120V/240V, 50/60Hz
OE-17061-01	Magnetic tip comb for PurePrep 96
OE-17061-02	96-Deepwell plate for PurePrep 96
OE-17061-03	96-Elution plate for PurePrep 96

### About us

MolGen is a young, dynamic and fast-growing company, active in the field of molecular biology and specialized in the technology to purify DNA / RNA from various materials. In addition, MolGen sells innovative and total solutions and MolGen continuously develops new products and services to meet the ever-changing demand of the market. At the moment MolGen is very active in the field of extraction chemistry and equipment to scale up the SARS-CoV-2 test capacity. MolGen has its headquarters in the Netherlands.