

PurePrep 32

The PurePrep 32 is a bench top system for DNA and RNA purification by using the magnetic separation technology from different matrices and can be used in low throughput settings. The device uses magnetic rods to transfer magnetic beads through the various purification phases of binding, mixing, washing and elution. The PurePrep 32 is able to handle 1 to 32 samples simultaneously with various PurePrep extraction kits defined for different matrices, enabling high-quality processing with no cross-contamination between the samples or reagent carry-over.



Rapid extraction and modular design which meets a variety of needs in a single unit.

Features

- Capable of extracting up to 32 samples per run, and process samples up to 1ml
- Optimal for low throughput workflows
- Extract from different matrices: blood, cultured cells or bacteria, tissues, cell-free body fluids and plant samples
- Run takes 15-40 minutes / cycle, depending on sample type and method
- Touchscreen interface
- Accurate temperature control system ($\pm 1^{\circ}\text{C}$)
- Open system
- UV sterilization program
- Pause function for emergency stop
- The PurePrep 32 is compatible with automated systems for a complete workflow

Benefits

- The ability to run in low throughput settings is ideal for diagnostic purposes
- Fast extraction protocol
- Easy operation without use of a computer
- The accurate temperature control system ensures stability of purification performance
- Protocols can be optimized and adapted according to various magnetic beads kits
- Cross contamination prevention using UV light
- Run can be interrupted by opening the front door, giving opportunity for reagent optimization and performance checking

Plastics

2x deep well 96 plate



4x 8 sleeve tip comb



Technical Data

Type	PurePrep 32
Throughput	1 to 32
Process volume	50 to 1,000ul
Collection efficiency	> 95%
Magnetic rods	8
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 ports, built-in SD card
Cooling system	Fan-based
Power Supply	450W
Dimensions	400 × 470 × 450mm
Weight	25kg

Accessories

Code	Description
AS00002	PurePrep 32 Nucleic Acid Purification System
OE00180060	Magnetic tip comb for PurePrep 32
OE00170060	96-Deepwell plate for PurePrep 32

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.