

InoPurauto Series Automated Nucleic Acid Purification Systems

Technical Specifications;

Model	InoPurauto-96	InoPurauto-24
Throughput	1 - 96	1 - 24
Process Volume	50 - 1000ul	50 - 10000ul
Magnetic Rod Number	96	24
Plate Types	96 Deepwell Plate	24x14.6ml Plate
Collection Efficiency	>95%	
Stability	CV <5%	
Purification Accuracy	100 copy sample positive rate >95%	
Heating for Lysis Tube	Ambient Temperature - 120°C	
Heating for Elution Tube	Ambient Temperature - 120°C	
Display	7 inch color touch screen	
Extraction Steps	Lysis, binding, washing and elution	
Storage Capacity	More than 100 programs	
Protocol Management	Create, edit, delete, protocol mode	
Pollution Control	UV light	
Lighting	Yes	
Extension Interface	4 Standard USB port, built-in SD card	
Exhaust	Fan	
Power Supply	450	
Dimensions (mm)	560x620x500	
Weight (Kg)	54	

Features;

InoPurauto Series Nucleic Acid Purification Systems are an automated system used to separate DNA, RNA, protein and cells from various samples such as blood, cells and tissue.

Automated InoPurauto Purification robots enable high-speed, high-quality processing without cross-contamination between samples or reagent transfer.

InoPurauto-96, 96x1ml samples, InoPurauto-24 can process 24x10ml samples at the same time.

1. Open and multi-function design provides more methods for reactive optimization and also reliable selection.
2. From the easy to use touch screen interface, parameters can be adjusted according to experimental requirements.
3. The right temperature control system provides a stable purification process.
4. The system creates a stylish appearance in your space with its central rotary table and patented structure design, thus saving space.
5. Patent design that guarantees robustness and responsibility for the automatic loading and unloading of magnetic rod end combs. (Success rate> 99.99%)



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InoPurauto Series Nucleic Acid Purification Systems



Simple and Intelligent Operation

1. Very convenient openable front door to monitor reagent optimization and experimental status, allowing you to stop operation in any situation.
2. Intelligent system equipped with device shut-off protection and starting with auto-control on start-up.
3. 8 different plate identification designs guaranteeing their position even when external forces are present.
4. Automatic missing kit detection sensor.
5. Special reactive identification without program setting or protocols with QR code identification.

Pollution Preventive Measures

1. The drip shield plate and the drying path of the beads are controlled by the software to avoid reagent splashing.
2. Disposable consumables to prevent cross-contamination.

Compatible with automatic systems (Optional)

InoPurauto-96/24 can be used in conjunction with automatic equipment such as mechanical arm, liquid processing system etc. which meets the demand of high flow experiment.



**High throughput, fast extraction and modular design can meet variety of need by one unit.*



Magnetic head for InoPurauto-96



InoPurauto-96 Consumable



Magnetic head for InoPurauto-24



InoPurauto-24 Consumable



InoPurauto Series Automated Nucleic Acid Purification System



Automate low-throughput sample preparation within your laboratory workflow using Magnetic Particle Processors.

It for processing volumes up to 3ml, the system enable all purification steps in a single-strip of nine tubes, and support 20 processed samples per run.

With the ability to go down to 50ul to release target molecules, samples such as DNA or RNA can isolated and concentrated from larger starting volumes at the same time. INOPurAuto Series is a bench top device for DNA and RNA purification by using magnetic separation technology from different starting materials, such as blood, cultured cells or bacteria, tissues, cell-free body fluids and plant samples.

The device is capable of using magnetic rods to transfer particles through the various purification phases of binding, mixing, washing and elution, offering a solution with minimized hands-on time.

The DNA and RNA purification is of high quality and high molecular weight.

Technical Specifications;

Model	InoPurauto-20	INOPurauto-32
Throughput	1 - 20	1 - 32
Process Volume	50 - 5000ul	50 - 1000ul
Collection Efficiency	>95%	
Magnetic Rod Number	20	32
Purification Accuracy	100 Copy sample positive rate >95%	
Stability	CV <5%	
Plate Types	5ml Tube Strip	96 Deep Well Plate
Heating for Lysis Tube	Ambient Temperature 120°C	
Heating for Elution Tube	Ambient Temperature 120°C	
Operation	7 inch Color Touch Screen	
Extraction Steps	Lysis, Sample binding, Washing and Elution	
Storage Capacity	More than 100 programs	
Protocol Management	Create, Edit, Delete, Protocol Mode	
Pollution Control	UV Light	
Lighting	Yes	
Extension Interface	4 Standard USB port, Built-in SD Card	
Exhaust	Fan	
Power Supply	450W	
Dimensions (mm)	400x520x450	400x470x450
Weight	28kg	25kg

Accessories;

INOPUR20ACC-1	Magnetic Rod's Tip for INOPURAUTO-20
INOPUR20ACC-2	5ml Tube Strips for INOPURAUTO-20
INOPUR32ACC-1	Magnetic Rod's Tip for INOPURAUTO-32
INOPUR32ACC-2	96 Deep Well Plate for INOPURAUTO-32



Features;

1. It is easy to use with 7 inch touch screen
2. Very simple operation (easy to install, operate, maintain) without computer
3. Very fast extraction protocol, 15~40 minutes / cycle depending on sample type and method
4. Universal built-in program for easy using
5. High purity and excellent yield of nucleic acid
6. UV lamp to avoid cross contamination
7. 3 shortcut key to make for easy running, stopping the magnetic beads program
8. Open system can optimize purification proposal according to various magnetic beads kits
9. Drawer design to prevent possible injuries
10. With special plastic consumables to avoid cross contamination
11. Improves workflow, and allows staff to perform other value-added tasks.