GENFINE

GENFINE BIOTECH

Purifier HT-Automatic Nucleic Acid Extractor

——Purifier HT New upgrade, compatible with high throughput and large volume capacity

NMPA Reg. No.: 20200038

Purifier HT Automatic Nucleic Acid Extractor

96 channels magnetic rods ⟷ 24 channels magnetic rods

Newly update

- power-off protection
- 96 high throughput and 24 large volume capacity easily switch
- liquid level recognition
- ultraviolet sterilization lamp
- closed cover
- 7 inch display

Technical Principle

Purifier HT automatic nucleic acid extractor uses magnetic beads separation technology to transfer magnetic beads between deep-well plates containing specific reagents, and load a disposable tip comb on the magnetic rods. The magnetic rods and tip combs separation can achieve magnetic beads collection, release, transfer, and incubation. Matching with GenFine excellent nucleic acid extraction reagents, it can extract high-quality nucleic acids from samples such as saliva, swabs, dry blood spots, whole blood, serum/plasma, animal and plant tissues.

Parameter	96 channels	24 channels
Sample throughput	96	24
Sample volume	20 μL--1000 μL	100 μL--5ml
Model	Purifier HT	
Record certificate	NMPA Reg. No.20200038	
Temperature control	Room temperature --99℃	
Magnetic beads recovery rate	>99.5%	
Oscillating mixing	Multi-mode and multi-speed adjustable, the amplitude can be automatically adjusted according to the liquid volume	
Power	100--240 Vac, 50/60 Hz	
Data storage	Store>500 groups of programs	
Operation interface	7" 870×1550 Color screen, free switch between Chinese and English interface	
Power-off protection	Yes	
Power control	Servo motor	
Oscillating technology	Super Vibrate	
Computer interface	RS232	
Operating temperature range	10℃--40℃	
Operating humidity range	Below 80%	
Weight	45kg	
Size	685mm×840mm×420mm	
UV lamp	Yes	
Contamination control	Level 11 HEPA	

Features

1.Contamination controllable: closed enclosure, ultraviolet sterilization device and 11-level HEPA high efficiency air filter can effectively reduce aerosol contamination.
2. High throughput&Large volume capacity: The heating module and the magnetic rod can be easily replaced with 24 channels, and the program is compatible with 96 high throughput and 24 large volume capacity extraction.96 samples can be extracted within 13 minutes.
3. Liquid level recognition: The amplitude can be automatically adjusted according to the liquid volume to avoid liquid overflow caused by improper parameter settings.
4. Cyclic magnetic beads absorption: the magnetic beads absorption can be cycled repeatedly to make the residual amount of magnetic beads <0.5%.
5. Power-off protection: while power-off, the program can continue to execute after repowering.

Compatible reagents kit

DNA/RNA Kit(Magnetic Beads)	Catalog No.	DNA/RNA Kit(Magnetic Beads)	Catalog No.
FineMag Blood spots DNA Kit	M101	FineQuick Viral DNA/RNAKit	M502-01
FineQuick Blood DNA Kit	M103	FineMag Soil&Stool DNA Kit	M701
FineMag Plasma Circulating DNA Mini Kit	M107	FineQuick Plasmid Mini Kit	M906
FineMag Genomic DNA Kit	M202	FineMag Blood RNA Mini Kit	MR103
FineMag Plant DNA Kit	M302	FineMag Animal Tissue RNA Kit	MR201
FineMag Swab DNA Kit	M401	FineMag Plant RNA Kit	MR302
FineQuick Saliva&Swab DNA Kit	M403		

Address:Room 206, Building 3, Zhongguancun Medical Engineering Transformation Center, 538 Yongfengtun, Haidian District, Beijing (Beijing Office)
Building E4, ChangYang Road, west taihu science and technology industry park 213000 Changzhou, Jiangsu, China (Changzhou Plant)
Techinical Support: +86-18068557131 E-mail: marketing@genfine.com Website: www.genfine.com