

# MagXtractor MX48

Automatic Nucleic Acid Extractor

## Introduction

The MagXtractor MX48 automatic nucleic acid extraction system is based on the principle that nucleic acid binds to magnetic beads which in turn are attracted to and held by the magnetic rod rack which moves the magnetic beads to different reagent tanks. It can be used to extract nucleic acid and protein from various samples.

It can process up to 48 samples at the same time by adding detection samples and reagents to a 96 well plate. Compared with the traditional manual operation, the nucleic acid extraction process is simpler and automatic.

## Magnetic bead extraction

The MagXtractor MX48 automatic nucleic acid extraction system uses the universal magnetic bead method to extract nucleic acid, which has the advantages of high automation, fast extraction speed, stable results, exquisite design and simple operation.

## High Performance

- High yield, good repeatability of results
- High throughput, up to 48 samples, time saving
- Copper heating block ensures the best reaction temperature in the purification process
- Set up programs and store 200 user programs
- Various sample: swabs, blood, faeces, sputum, etc
- Compatible with one-step lysis extraction process

## Ease of Convenience

- 10 inch colour touch screen, graphical operation interface, no external computer
- no special training • Customize temperature and program
- Short operation time, 15-40min for 32-48 samples • Open platform for different extraction method
- Sample volume range: 20-1000  $\mu$ L • Compact and table top size

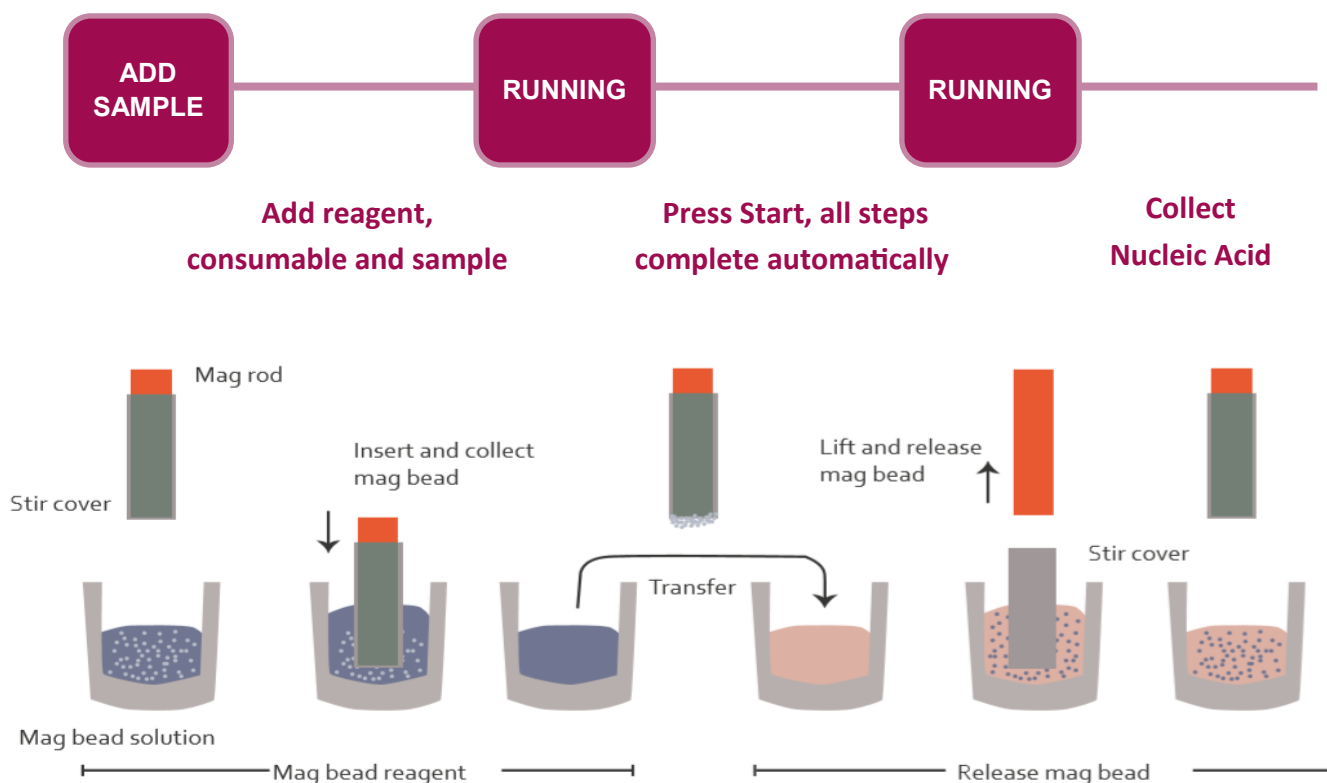
Cat No.	Production Description
MagXtractor MX48	Automatic Nucleic Acid Extractor



## Safety and Reliability

UV disinfection mode, the side fan of the experimental cabin can reduce the pollution between different batches of samples • Built in lighting setting: easy to observe the operation • Closed test cabin to minimize pollution • Low noise operation, solid material, long design life • One year warranty (including accessories) from the date of receipt.

## Three steps to extract and purify nucleic acid:



	Prestige Diagnostics MagXtractor MX48
Plate	96 Deep Well Plate
Volume	20μL - 1000μL
Rod Number	48 pcs
Stir Mode	Fast, medium and slow speed modes
Sterilisation	UV sterilisation (pre-set time)
Heating	Room temperature - 99°C (Lysis and Elution)
Interface	10 inch / 254mm touch screen
Capacity	Max - 1000μL
Volume	AC 220±22V, 50/60Hz
Power	300VA
Temperature	15-35°C
Humidity	20-80% Relative humidity (no steam condensation)
Pressure	860-1,060hpa
Dimension	552mm x 410 x 385mm (LxWxH)

### Prestige Diagnostics U.K. Limited

Ballymena Business Centre, Galgorm,  
County Antrim, United Kingdom. BT42 1FL

[www.prestigediagnosics.co.uk](http://www.prestigediagnosics.co.uk) | [info@prestigediagnosics.co.uk](mailto:info@prestigediagnosics.co.uk)

T: +44 (0) 28 2564 2100

CE

IVD

UK  
MADE IN