

Maelstrom™ 4800



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Total Solution Provider for
Nucleic Acid Extraction

Specifications

Model	Maelstrom 4800
Weight	40 kg
Dimensions	58 x 47 x 43 cm
Power Supply	100 - 240 V
Capacity	40 samples / run
Process volume	50 µl - 1600 µl
Spin Speed	up to 3,000 rpm
Heater	12 heating wells
Magnetic rod	> 3,000 gauss
Display	7" touch screen

Patents

USA	US09616398B2
EU	EP2937136
Canada	CA2862946
Japan	JP6151735
Korea	10-1696517
China	CN104971638B
Taiwan	I526245



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— REVOLUTIONIZING MAGNETIC BEAD HANDLING —

Meet your demand for throughput

— REVOLUTIONIZING MAGNETIC BEAD HANDLING

- Simultaneous processing and purification of DNA, RNA, and protein samples
- Automation of complicated manual steps
- High efficiency purification driven by TANBead's patented technology
- Prevention of aerosol cross-contamination
- Larger sample processing volume



Straightforward

Streamlined mixing and collecting steps

Automation of complicated manual operations



Precision

Worldwide patented mixing technology

Effective prevention of aerosol cross-contamination



Time Saving

3500 gauss magnetic rods efficiently collect magnetic beads

High stirring efficiency with variable speeds for considerable time-savings



Easy Operation

Intuitive user interface and easy menu navigation

User-specified parameter settings



Patented Mixing Efficiency

- Spin tips stir magnetic beads with modulated speed up to 3000 rpm
- Streamlined collecting and mixing steps save your time and effort
- Large processing volume from 50 to 1600 µl

Features

- Perform DNA / RNA / protein purification
- Transfer and mix magnetic beads
- Patented spin tip design
- Efficient, simple & flexible
- Prevention of cross-contamination
- Larger sample volume