

**Main features:**

- Automated magnetic bead purification system for DNA, RNA and protein with built-in screen.
- Capacity of extraction slot: Process at least 24 samples per load
- Sample Volume: Process Large volume up to >5 mL & Elution strip 30 to 130µL,
- Plastic consumables: 24 deep well plate & 1 x 12 elution strip
- Samples type: Applicable for wide range of starting materials including Fish/Shrimp Tissue/Muscle
- Turnaround time: 45-60 mins for each batch
- Customizable workflow for different sample types, reagents and protocols
- Built-in UV lamp designed for effective decontamination

Technical Specifications:

- The system must be open to all type of Extraction kit available in the global market.
- Volume (Metric) Processing: 96 DW plate 50 to 1000µL, 24 DW plate 200 to 5000µL,
- Elution strip 30 to 130µL
- Particle Size (Metric): ca. >1µm
- Collection Efficiency of Particles: ≥95%
- Heating Temperature: 10 to 75°C in RT (plate row A)
- Cooling Temperature: 4 to 75°C in RT (elution strip)
- Internal Memory: Space for ca. 200 protocols (At least)
- Protocol Import: Using PC or USB memory device
- Display: LCD color display not less than 6 inches
- Elution Strip: Special design, 1x12 format
- For Microplate Type: Microtiter 96 Deep well plate
- Samples per Run: Process at least 24 samples per load
- UV Lamp: 8W

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- UV Exposure Time: Up to 16 hours
- DNA and RNA isolation from various starting materials, proteomic applications, cell Isolation

Consumables:

- 500 reactions Both DNA & RNA extraction kit in fish/Shrimp tissue
- Required no of Microtiter plate.
- 500 elution strip
- Other chemicals, reagents and consumables required to run the system.

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