

32 Channe Automated Nucleic Acid Extractor

Product Number: EX-3201

Parameters

Item	Parameter
Working Principle	Magnetic Bead Method
Sample Throughput	1–32 samples
Processing Volume	20μL–1100μL (Double Mode optional: 2200μL)
Plate Type	96-well deep well plate
Number of Magnetic Rods	32
Magnetic Bead Recovery Rate	More than 95%
Inter-well Purification Variation	CV < 5%
Heating Function	Lysis heating and elution heating (ambient temperature to +125°C); copper heating module optional
Mixing Mode	Slow, medium, fast; 6 editable gears (1–6)
Compatible Reagents	Open platform, compatible with all magnetic bead-based extraction reagents
Extraction Duration	15–60 minutes per run (depends on test item)
Operation Interface	10-inch color capacitive touch graphical display, user-friendly Chinese interface (English optional); no external computer required
Internal Protocols	Freely editable and storable; unlimited storage capacity (millions of protocols)
Protocol Management	4 standard USB ports, Ethernet port; compatible with mouse, keyboard, 1D & 2D barcode scanners
Expansion Interfaces	Parallel programming supported on device; create, edit and delete protocols
Disinfection Function	UV sterilization
Ventilation	Fan exhaust (side exhaust, rear exhaust and HEPA filter optional); customizable activation time
Data Storage	Built-in SSD for local data storage
Operating Temperature	10–40°C
Operating Humidity	10–90% relative humidity (non-condensing)
Power Supply	AC 100–240 V, 45–65 Hz
Overall Dimensions (D×W×H)	350 mm × 545 mm × 400 mm
Weight	27 kg

Advantages

1. Compact size, easy transportation and small laboratory footprint;
2. Professional structural design, nearly silent operation during running;
3. Highly universal operation software, compatible with extraction kits from all manufacturers.

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Product Image

