TECHNICAL DATA SHEET

ALab™ MNE-96-03 Fully Automated Nucleic Acid Extraction System

Fully Automated Nucleic Acid Extraction System · 1-96 samples · 96 samples in 13 minutes



ALab™ MNE-96-03 Fully Automated Nucleic Acid Extraction System

The ALab™ MNE-96-03. Image shown for reference.

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SECTION I

Product Overview

The ALab™ MNE-96-03 fully automated nucleic acid extraction and purification system, used in conjunction with magnetic bead-based nucleic acid extraction reagents, performs automated extraction and purification of nucleic acids from various sample types.

It is simple and fast to operate, an important choice for medium-to-high throughput sample processing: 1-96 samples (selectable), processing volume 50μL-1000μL, 96 samples extracted in 13 minutes, UV lamp sterilization and an 8-inch touch screen.

SECTION II

Core Advantages

- **Throughput** — 1-96 samples, 13 minutes
- **Biosafety** — enclosed, UV sterilization
- **Compatibility** — magnetic bead kits
- **Recovery** — magnetic beads ≥ 99%
- **Operation** — 8-inch touch screen
- **Alert** — audible alarm, red light

SECTION III

Specifications

Technical data — MNE-96-03

Specifications	
Brand	ALab™ by ACS Material
Model	MNE-96-03
SKU #	ALMN9600
Product Type	Fully automated nucleic acid extraction system
Sample throughput	1-96 samples (selectable)
Processing volume	50μL-1000μL
Processing speed	96 samples extracted in 13 minutes
Contamination control	UV lamp sterilization
Mixing and agitation	Adjustable multi-mode and multi-level oscillation mixing
Error alert	Supports audible alarm and red light indicator
Operating voltage/power	AC 100V-240V; 50/60 Hz; 450W
Dimensions (L×W×H)	660*400*470mm ±10mm
Weight	Gross weight 35kg; net weight 25kg
Software name	Fully Automated Nucleic Acid Extraction and Purification Software

SECTION IV

Applications

Disease control centers, clinical disease diagnosis, emergency quarantine (mobile cabin laboratories, mobile detection vehicles), scientific research institutes, forensic identification, environmental microorganism detection and food safety testing.

Product value: flexible and rapid processing of 1-96 samples, high extraction efficiency, enclosed process management with UV sterilization, an intelligent 8-inch touch screen and wide compatibility with magnetic bead-based extraction kits.

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