



Nucleic Acid Extractor NAE32



Nucleic Acid Extractor (DNA & RNA Extractor)

NAE32

The Nucleic Acid Extractor is a laboratory instrument designed to automate the extraction and purification of DNA and RNA from various biological samples. This system enables efficient and reliable isolation of high-quality nucleic acids, which is crucial for downstream applications in genetic research, molecular diagnostics, and other life sciences.



E - Catalogue

SALIENT FEATURES

- ✦ Nucleic Acid purification system
- ✦ 10.1" Touch Screen Display.
- ✦ Automatic nucleic acid extraction and purification(Selectable).
- ✦ Versatile Processes various sample types blood, tissues, cells.
- ✦ Purifies 1-32 samples simultaneously.
- ✦ Stable operation with low noise.
- ✦ Automatic, fast, easy to edit, save, delete the programs.
- ✦ Output Isolates high-quality nucleic acid samples.
- ✦ Memory stores 1,000 programs.
- ✦ Range Handles 50-1000µl volumes.
- ✦ Precise Purification CV<3% .
- ✦ High DNA Recovery >95%
- ✦ Sensitive Purification >95% positive detection rate
- ✦ Lighting & Disinfection: Includes lighting, UV disinfection.
- ✦ Magnetic rod sleeve motion mixing.
- ✦ Extension: USB

Nucleic Acid Extractor

HSN Code : 90275090

SPECIFICATIONS

MODEL	NAE32
Make	LABMAN
Display	10.1" Touch Screen
Sample Channels	1-32
Processing Volume	50~1000μl
DNA percent	>95%
Purification sensitivity	The positive detection rate for the 100-copy samples was> 95%
Internal program	1,000 sets of programs
Program Function	New, edited, saved, deleted, etc
Purified Difference	CV<3%
Nucleic extraction Operation	32 samples can be extracted
Lighting system	Available
Use consumables	96 deep hole plate + magnetic rod sleeve
Sterilization and disinfection	(UV) Ultraviolet disinfection
Various sample types	Tissues, Cells etc.,
Output	USB Interface
Magnetic rod	Shock mix up & down by motion
Mixing	Magnetic rod sleeve motion
Exhaust Method	Fan
Temperature Range	RT+5°C ~120°C
Power	500W
Power Supply	220V / 50Hz
Dimension (LxWxH)	565 x 515 x 740mm
Gross Weight	45kg

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES: Main Instrument, Power Cord, Instruction Manual, Test Certificate

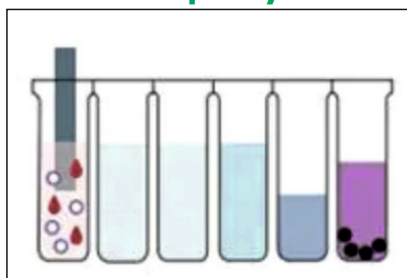
Nucleic Acid Extractor

NAE32

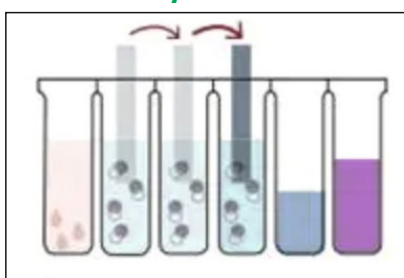
The working principle of the automatic nucleic acid extractor After the sample is lysed, the released nucleic acid molecules are specifically adsorbed on the surface of the magnetic beads, and the nucleic acid molecules are dissolved in the eluent through the built-in magnetic rod magnetic suction, transfer and washing, and with different kinds of magnetic bead nucleic acid reagents, a purer nucleic acid is finally obtained.

DNA / RNA

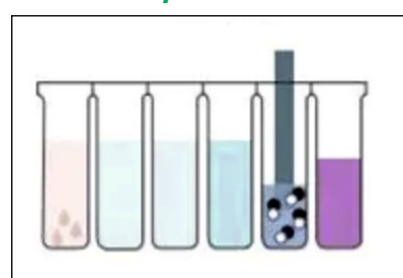
Sample Lysis



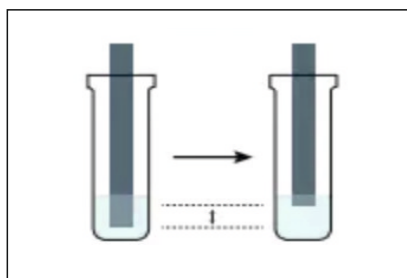
DNA/RNA Rinse



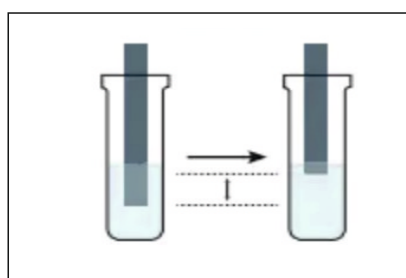
DNA/RNA Elution



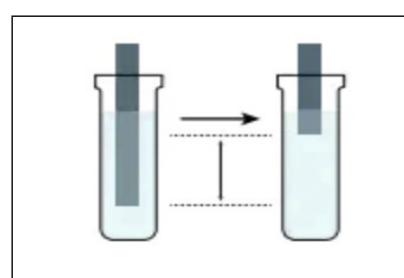
The mode of magnetic rod movement adopts the international general stepper motor as the driving device, and the magnetic rod sleeve can automatically adjust the vibration amplitude according to the volume of the solution, so that the sample is more fully mixed. The transmission device of ball screw is adopted, and the magnetic rod sleeve and magnetic rod run more smoothly, with higher precision and prolonged service life. Each moving part is equipped with a position protection function, which effectively avoids failure.



100μl

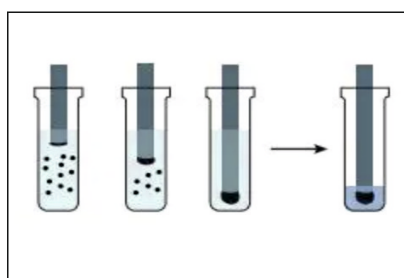


500μl

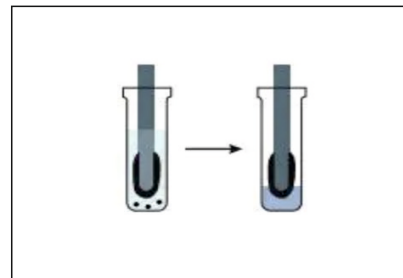


900μl

Strong adsorption mode through the newly designed strong adsorption mode, the magnetic beads are adsorbed on the head of the magnetic rod, so as to ensure that the eluent can still cover all the magnetic beads when the elution volume is small, and the magnetic bead adsorption effect is better and the nucleic acid yield is higher.



Strong Absorbption Method

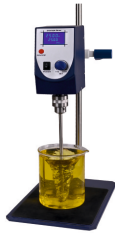


Normal Absorbption Method

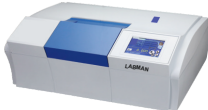
LABMAN Product Range 2025-26

LMFD61, 62, 63, 64 Lyophilizer Freeze Dryer (-60°C)	LMFD83, 84 Lyophilizer Freeze Dryer (-80°C)	LMRE25 Rotary Evaporator	ADM3 Automatic Density Meter	MSOD6 Microvolume Spectrophotometer
NAE32 Nucleic Acid Extractor	EMR4 Elisa Microplate Reader	GPTC96 Gradient PCR Thermal Cycler	HO30 Hybridization Oven	UVCL254 UV - Crosslinker
TGH12, 24 Tissue Grinder Homogenizer	PBH80T Paddle Blender Homogenizer	TOC2NDR Total Organic Carbon Analyzer	TOC1CD Total Organic Carbon Analyzer	LMDS600, 1200 Microwave Digestion System
KFT1B Karl Fischer Titrator (Basic)	APT1800 Automatic Potential Titrator	KFT250VC Karl Fischer Titrator	COD1500 COD Analyzer with Digester	BOD4000 BOD Analyzer
MTVM50 Multi Tube Vortex Mixer	LMVM60D Vortex Mixer	OS20 Orbital Shaker	TRM6 Tube Roller Mixer	DBNE12, 24 Dry Bath Nitrogen Evaporator

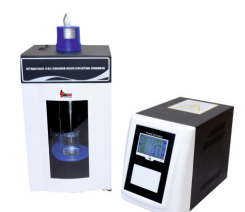
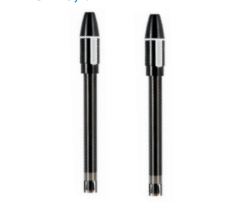
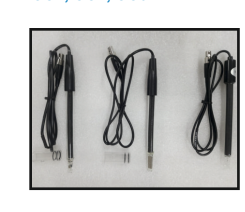
LABMAN Product Range 2025-26

DBI11T  Dry Bath Incubator	DBI15SH, DBI16SC  Dry Bath Incubator	IRS14, 35  Infrared Sterilizer	GGA200  Air Generator	GGH301, 302  Hydrogen Generator
GGN303  Nitrogen Generator	GHA304  Hydrogen Air Generator(2 in 1)	LMVP10  Vacuum Pump	LMVP20  Vacuum Pump	LMCO1  Column Oven
LMIO6  Mini Thermostatic Incubator	GHP400  Graphite Hotplate	LOBMS5  Oil Bath Magnetic Stirrer	LMMS4LC, 20LC  Ceramic Hotplate Magnetic Stirrer	LMMS300  Hotplate Magnetic Stirrer
MMS15S  Multiposition Magnetic Stirrer	MMS12H  Multiposition Magnetic Stirrer	WBMS3  Water Bath Magnetic Stirrer	LMWB2H, 4H, 6H, 8H  Digital Water Bath	HOS20L  Overhead Stirrer
LMHH160  Hand Held Homogenizer	PS1565  Peltier / Sipper System	LUV6HG  PMT Spectrophotometer	LUV2000T, 2100T  Single / Double Beam UV-Vis. Spectrophotometer with 21CFR	LMSPUV SERIES  Double Beam UV-Vis. Spectrophotometer

LABMAN Product Range 2025-26

LMSPUV1200  UV-Vis Single Beam Spectrophotometer	LMSPV320, 325  Visible Spectrophotometer	ADP100CFR, 95CFR  Automatic Digital Polarimeter with CFR	ADP45, 50  Automatic Digital Polarimeter ($\pm 45^\circ$)	ADP75, 90  Automatic Digital Polarimeter ($\pm 90^\circ$)
ADP40  Automatic Digital Polarimeter	LMPM180  Manual Polarimeter	MAR100  Manual ABBE Refractometer	RFM100CFR  Digital Refractometer CFR	RFM950, 970  Digital Refractometer
LMAR1317T  ABBE Refractometer	LMDV300H  Digital Viscometer with Thermosel	LMDV60, 100, 200  Digital Viscometer (L Series)	LMDV400R  Digital Viscometer (R Series)	LMKV2  Krebs Viscometer
LMDV111, 222  Digital Viscometer with SSA	LVA30  Low Viscosity Adaptor	LMCR80F  Visual Colorimeter	LMUC2D  Ultrasonic Cleaner	LMUC3D, 6D, 9D, 12D, 25D  Ultrasonic Cleaner - Degas
LMUC50, 100  Industrial Ultrasonic Cleaner	LMPH15  pH Meter with Printer	LMPH12, LMPH10H  pH Meter	LMPH9  pH Meter - Basic	LMCM20H  Conductivity / TDS Meter

LABMAN Product Range 2025-26

LMMP30, 32  Multiparameter (7 in 1 / 9 in 1)	LMION40  Ion Meter	LMDO50  Dissolved Oxygen Meter	LMHD60  Water Hardness Meter	OPH11  Online pH Controller
OCM21  Online Conductivity Controller	LMTB200  Turbidity Meter	RCB1010T, 1020T, 1030T  Refrigerated Circulating Bath	RCB620T  Refrigerated Circulating Bath	RWC320  Recirculating Water Chiller
LMDO4P  Portable DO Meter	LMPH1P  Portable pH / ORP Meter	LMCM2P  Portable Conductivity / TDS Meter	LMTB5P  Portable Turbidity Meter	PRO656, 900, 1200, 1800  Probe Sonicator
PRO660R  Probe Sonicator with Remote	PRO650  Probe Sonicator	PROBE  Probe 2mm to 22mm	LMIF30T, 50T, 100T  Ice Flaker	LMIF200T  Ice Flaker
LMIM15  Ice Maker	LMIM20C  Ice Maker with Crusher	ISE19, 62  Nitrate / Fluoride ISEs	ER SERIES  pH Electrode / DO Electrode	CC1, CC2, CC3  Conductivity Cell