



NUCLEIC ACID EXTRACTION SYSTEM

LD-LNES-N13

Nucleic Acid Extraction Device LD-LNES-N13 is a fully automated system for extracting and purifying DNA from a variety of sources. This process can handle a large number of samples each day in a matter of minutes and provide quick, consistent, and reproducible results. This compact gadget can handle 96 large volume samples up to 1000 l in a single run. It is a popular and effective automated sample preparation system.

Features

- High purity of product
- Fully automated and easy to operate
- Optimization of extraction process with professional extraction kit
- Large capacity program
- Constant temperature function to ensure best reaction speed during the purification process
- Friendly operation interface
- Portable, light-weight and durable
- Versatile liquid handling options
- Built-in touch screen
- Automated DNA/RNA extraction
- Fast purification process
- Reproducibility with magnetic rods
- Plate re-orientation

Applications

These devices are used in various fields such as, Genetic Screening, Transgene Screening, Paternity Testing, Forensic Testing, Microbiology Testing, Plant molecular biology research and also for Genomic DNA and RNA extraction from whole blood, tissues, and cultured cells etc.

Specifications

Model No.	LD-LNES-N13
Sample Capacity	1 to 96
Sample Volume	20 µl to 1000 µl
Extraction Time	15 to 40 min
Extraction Method	Magnetic Bead Recovery
Operating Temperature	RT to 120°C
Magnetic Bead Recovery	≥ 98%
Extracting Difference Holes	CV ≤ 3%
Product Purity A260/A280	DNA ≥ 1.7 – 2.0; RNA ≥ 1.8-2.1
Shock Mixing	Adjustable Speed (1 to 3)
Reagent Type	Open system for magnetic bead method
Program Storage	≥ 100 groups
Display	10.1 inch screen
Dis-infection Method	UV Light, Aerosol Adsorption
Power Consumption	500 W
Power Supply	AC 100V – 240V 50/60Hz
External Size (W×D×H)	770×530×540 mm
Package Size (W×D×H)	910×670×780 mm
Gross Weight	95 kg