LABTRON

NUCLEIC ACID EXTRACTION SYSTEM
LNES-A13

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Nucleic Acid Extraction Device LNES-A13 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

Application

This device is compatible with PCR diagnostics kits and also has requirement in several fields such as Forensic Samples, Sequencing, Cloning, Routine sample preparation, Genetic screening, Microbiology testing and Plant molecular biology research.

Technical Specifications

Model	LNES-A13
Sample Capacity	1 to 96 samples
Sample Volume	20 µl to 1000 µl
Extraction Time	15 to 40 mints
Operating Temperature	RT to 120°C
Magnetic Bead Recovery	≥ 98%
Extracting Difference Between Holes	CV ≤ 3%
Product Purity A260/A280	DNA ≥ 1.7 – 2.0; RNA ≥ 1.8-2.1
Shock Mixing	Adjustable Speed (1- 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	500W
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