LABTRON

NUCLEIC ACID EXTRACTION SYSTEM
LNES-A10

www.labtron.com info@labtron.com

NUCLEIC ACID EXTRACTION SYSTEM LNES-A10

Nucleic Acid Extraction system LNES-A10 is fully automated compact system designed to efficiently isolate DNA and RNA from multiple sample types, including whole blood, tissue, cells, plants and viruses. This compact unit can process 8 samples up to 500 µL in a single run making efficient use of laboratory bench space. The most significant advantage is the reliability of the isolated nucleic acid and the technology utilizes an ultra-thin polymer membrane for efficient capture of nucleic acids, allowing for isolation of high quality, high yield RNA or DNA.

Features

- Automated DNA/RNA extraction
- System uses pre-filled cartridges that can run independently
- High purity of product
- Fully automated and easy to operate
- High throughput, can process 1-96 samples at a single stretch
- 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

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-A10
Sample Capacity	1 to 8 samples
Sample Volume	20 to 500 µl
Working Volume	200 to 1000 µl
Extraction Time	15 to 40 minutes
Extraction Method	Magnetic beads
Magnetic Bead Recovery Rate	≥ 98%
Open System	Apply to different magnetic beads reagents
Sample Analysis	Controlled temperature function
Product Purity A260/A280	DNA ≥ 1.7–2.0; RNA ≥ 1.8–2.1
Power Supply	AC 100V–240V, 50-60Hz
External Size (W×D×H)	285×280×295 mm
Package Size (W×D×H)	385×370×395 mm
Net Weight	7.5 kg
Gross Weight	14.5 kg