LABTRON

NUCLEIC ACID EXTRACTION SYSTEM
LNES-A11

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Nucleic Acid Extraction System LNES-A11 is a completely automated system for extracting and purifying DNA from a range of sources. In just a few minutes, this procedure can handle numerous samples each day and offer quick, consistent, and repeatable findings. In a single run, this small device can handle 32 big volume samples up to a needed quantity. This device is a turnkey solution that provides lab with everything you need to automate high speed purifications.

Features

- Convenient throughput up to 32 samples in 15 – 40 mints
- 7-inch touch screen, easy to use console
- UV dis-infection function
- Archival quality DNA or RNA
- Automatic control system
- User defined cracking and elution temperature
- Fast purification process
- Reproducibility with magnetic rods
- Plate re-orientation
- Lidding and de-lidding
- Graphical process editor
- Free programming to meet the different needs of the reagent

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-A11
Sample Quantity	32 samples
Working Volume	20 µl to 1000 µl
Sample Volume	20 to 500 µl
Sample Throughput	1 to 32
Extraction Time	15 to 40 min/round
Extraction Method	Magnetic Bead Recovery
Magnetic Bead Recovery	> 98%
Extracting the difference between holes	CV ≤ 3%
Heating Temperature	8 independent heating modules, customize analysis and elution temperature
Oscillating Mixing	Low, medium and high 3 gears are adjustable and fluctuation range can be adjusted with the reagent volume
Reagent Type	Magnetic bead open platform
Internal Program	Can store up to > 100 groups of programs
Built-in Air Duct	No
UV Radiation	Yes
Packaging Size (W×D×H)	580×510×700 mm
Gross Weight Kg	51 kg