



NUCLEIC ACID EXTRACTION SYSTEM

LD-LNES-B11

Nucleic Acid Extraction System LD-LNES-B11 is a platform which combines standardize high-throughput with paramagnetic particle method-based extraction chemistry. Increase productivity by processing up to 96-well samples within a time period of 15 to 60 minutes. This unit saves valuable time by removing manual steps by reducing overall processing time and errors while increasing the reproducibility of the results. This equipment can handle 96 samples up to 1000 µl in a single run, maximizing laboratory bench space.

Features

- Accurate temperature control
- Equipped with UV dis-infection lamp
- High efficiency HEPA filter
- Extracts DNA and RNA with high yields in 15 – 60 mints
- Easy to use friendly user interface
- Smart and intelligent display with LCD touch screen
- UV sterilization lamp for dis-infection purpose
- High efficiency HEPA filter and auto safety door protection function
- HEPA filter and UV lamp replacement alarm functions
- 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

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-B11
Sample Capacity	96 well
Sample Volume	20 µl to 1000 µl
Extraction Time	15 to 60 min
Storage	>1000
Operating Temperature	RT to 105°C
Temperature Accuracy	0.1°C
Magnetic Bead Recovery	≥ 98%
Magnetic Flux of Bar	3000 to 6000 Gs
Nucleic Acid Extraction Method	Paramagnetic Particle Method
Shock Function	Yes
Disinfection Lamp	UV light
Operating System	Windows Operating System
Scanning	Optional
Power supply	AC 100V – 240V 50/60Hz
Package Size (W×D×H)	1138×733×1028 mm
Gross Weight	130 kg