

Automated Nucleic Acid Extraction System

# COMPACT COMPREHENSIVE **ALLEx<sup>®</sup> 64**



# Allex<sup>®</sup> 64

Automated Nucleic Acid Extraction System



Allex<sup>®</sup> 64 is developed with compact but comprehensive solution for automated nucleic acid extraction in mind. It combines the benefits of proven magnetic bead technology with the capability to extract 64 samples in a compact, benchtop equipment. Allex<sup>®</sup> 64 sets a new standard for automated nucleic acid extraction.

In conjunction with dedicated reagent kits, it delivers high yield and purity of DNA, RNA or total nucleic acids from a variety of samples. The extracted nucleic acids are compatible with countless downstream applications including PCR, qPCR, qRT-PCR and sequencing.

Allex<sup>®</sup> 64, designed by experts for experts, is at the ready for exploring new paths.



GENEALL BIOTECHNOLOGY CO., LTD.

# COMPACT, COMPREHENSIVE

## Productivity

Mitigate user processing errors while enhancing the productivity

- Strip Loader eliminating the potential for missed strip
- Auto and error-free protocol selection with on-board barcode scanning
- Recovering from the last failed/interrupted run
- Tracking of sample IDs and run history

## Efficiency

Increase remote working capability

- Intuitive monitoring through LED status circle and marked progress bar
- Notification of run completion on your phone



## Reliability

Control cross-contamination, improve safety

- HEPA filter filtering harmful particles
- Contamination prevention with UV sterilization
- Air inflow and outflow purification by ventilation fan

## Proven performance

Ensure high-quality nucleic acid extraction

- Hot air exhaust fan forcing the residual ethanol evaporation for pure nucleic acid
- Optimized reagent kits compatible with a wide range of downstream applications



Supports a broad range of sample materials

Biofluids - Blood, saliva, serum, urine		Cell/tissue - Tissue, FFPE, plant, swab
Environmental - Stool, soil, food		Microbe - bacteria, virus, fungi

# AlIEx<sup>®</sup> 64 Technical Specifications

## General

Extraction system method	Magnetic beads
Processing capacity	1 to 64 samples per run
Run time	20~40 minutes for 64 samples depending on protocol
Starting volume	Up to 400 µl
Regulatory label	For in vitro diagnostic use. Compliant with IVD directive 98/79/EC

## Hardware and Software

Dimension W x D x H	420 x 599 x 440 mm
Weight	36.5 kg
Features	10.1" Touch TFT LCD Auto Cassette Loader Auto Protocol Loading Onboard Barcode Scanner Reverse Loading Prevention Emergency Stop & Resume Hot Air Exhaust HEPA Filter UV Lamp Auto Mechanical Calibration Progress Bar Status Circle USB Interface Network Support with TCP/IP, Bluetooth, RS-232C

## Kits and Applications

Reagent design	Pre-filled, ready-to-use extraction reagent kit
Cartridge type	Single Cartridge, Plate Cartridge
Nucleic acids	Total nucleic acids including genomic DNA, viral NA, RNA

## Ordering Information

Category	Cat. No.	Product Name
Instrument	AEX064	AlIEx <sup>®</sup> Automated Nucleic Acid Extraction System
	934-048	AlIEx <sup>®</sup> Viral DNA/RNA Kit [48T]
Extraction Kits	934-096	AlIEx <sup>®</sup> Viral DNA/RNA Kit [96T]
	931-048	AlIEx <sup>®</sup> Genomic DNA Kit [48T]
	931-096	AlIEx <sup>®</sup> Genomic DNA Kit [96T]
	935-048	AlIEx <sup>®</sup> Blood DNA Kit [48T]
	935-096	AlIEx <sup>®</sup> Blood DNA Kit [96T]
	937-048	AlIEx <sup>®</sup> Plant DNA/RNA Kit [48T]
	937-096	AlIEx <sup>®</sup> Plant DNA/RNA Kit [96T]