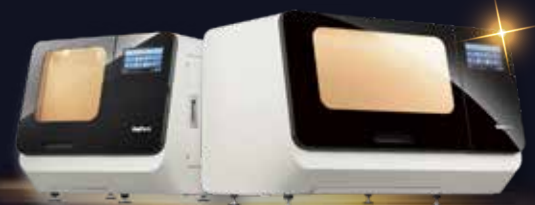




CE IVD

MagPurix[®] *EVO*

Fully-Automated Nucleic Acid Purification System
Make Lab Performance Beyond Outstanding



MagPurix EVO



The MagPurix EVO series is our fully-automated clinical sample preparation system for fast, high-purity, high-yield nucleic acids from a wide range of sample types for molecular diagnostics, biological and clinical diagnosis, and forensics.

The MagPurix EVO system empowers scientists and laboratories to achieve meaningful results with confidence and simplified sample preparation to minimize hands-on time, handling error and purification variability.

01

Load



Easy load of samples, reagent cartridges and consumables

02

Run



Simple & intuitive handling with touch panel display, graphic UI and built-in protocols

03

End of Run



Easy clean with no waste contact



Pretreatment

- ▶ Diversified kits for different sample types
- ▶ No manual processing in reagents required



Extraction

- ▶ Full automation
- ▶ Application-based
- ▶ Advanced technology



Performance

- ▶ Traceability system
- ▶ Easy maintenance
- ▶ Premium nucleic acid quality for any downstream applications

Zinexts

Life Science Corp.



Zinexts is a leading biotechnology company that designs, develops, and manufactures various reliable, user friendly, and cost-effective molecular biology laboratory solutions for clinical diagnosis, life sciences, and research. Zinexts' goal is to enhance patient management and prioritize public health by creating solutions tailored to medical diagnostic and research laboratories.

12 Years Experience

- ▶ Manufacture
- ▶ R & D
- ▶ Design
- ▶ Software

80+ Countries Network

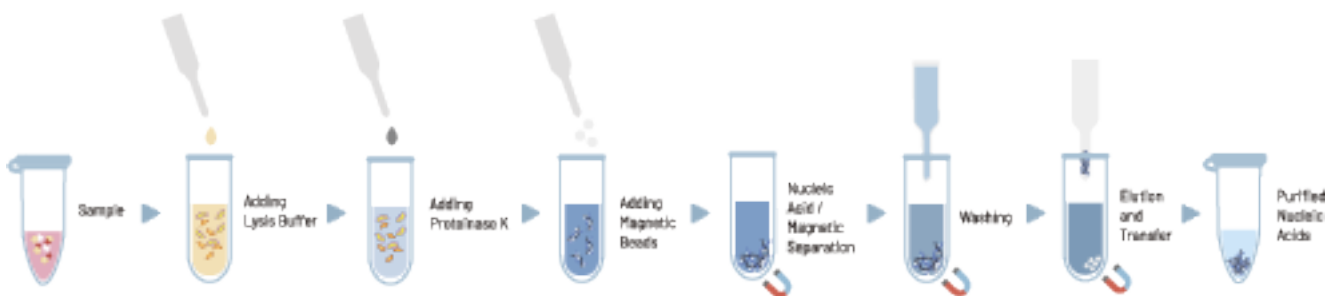
- ▶ Global Distribution
- ▶ Partners

2200+ Systems Worldwide

- ▶ OEM/ODM
- ▶ Reagent Development & Manufacturing
- ▶ Firmware/Software Development
- ▶ System Optimization

Our Technology

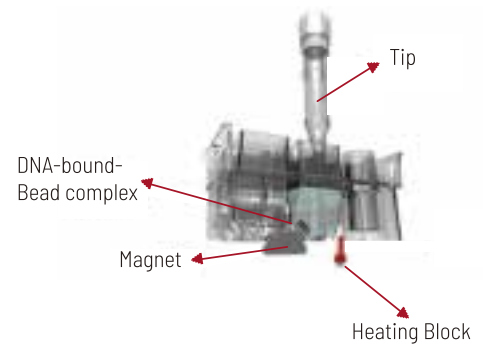
Patented Liquid Handling System



Our MagPurix[®] technology uses unique proprietary magnetic beads for efficient nucleic acid extraction from diverse samples, offering a truly hands-free automation through lysis, binding, washing, and elution steps from sample to results. Our patented liquid handling system ensures reliable results.

Design of Reaction Chamber

The polygonal and beveling shaped reaction chamber is designed for a smooth extraction process. The design allows an optimal extraction process during heating and magnetic separation within the reaction chamber. It provides an efficient operation and improves instrument reliability.



ZiBeads™ – Magnetic Particles

Zinexts takes pride in producing our ZiBeads™ in-house, and guarantees the highest standards of quality and performance. ZiBeads™ are engineered with specialized surface coatings designed to optimize binding capacities for specific targets. These coatings unlock new possibilities for precise and efficient binding, optimizing nucleic acid purification.

With ZiBeads™, difficult bindings of targets in small molecules, such as cfDNA, become straightforward. The exceptional binding capacity empowers superior purification, leading to enhanced results and greater reliability.

Worry-Free Process

PREPARE



- ▶ Minimizes contamination with prefilled reagents and consumables, as well as synchronized stage movement
- ▶ Pre-loaded protocols are intuitive to be followed
- ▶ Barcode scanning with expiry date inspection

RUNNING



- ▶ Holder lid stabilizes and fixes consumable parts with a sensor for a smoother operation
- ▶ Includes door sensor

MAINTENANCE



- ▶ Provides UV disinfection
- ▶ Real-time automatic calibration when power is turned on

Traceability

User ID



- ▶ 10 user IDs with individual code
- ▶ 1 ID for administrator
- ▶ Traceability report with user ID

Barcode ID



- ▶ Sample ID scanning
- ▶ Cartridge ID scanning
- ▶ Elution tube ID scanning

Video Camera



- ▶ Automatically records isolation process
- ▶ Includes SD card that can store up to 6 run records

Development Platform



Capability to offer system customization

MagPurix EVO serves as a platform for protocol development



Optimization in Protocols

- ▶ 90+ protocol capacity
- ▶ Ability to modify procedures

Specification



12 EVO



24 EVO

	12 EVO	24 EVO	
GENERAL SPECIFICATION	Dimension (WxDxH)	62.3 x 63.5 x 60.9 cm	91.5 x 66.5 x 60.4 cm
	Weight	70 kg	100 kg
	Power Supply	100 - 240 V AC +/- 10% , 50 / 60Hz +/- 5%	
	Display	7" inch color Touch Panel	
	LIMS connectivity	Import Sample ID/ Export the traceability report via SD card	
EXTRACTION FEATURES	Sample Volume	100µl-2ml (maximum to 10 ml sample with pretreatment)	
	Elution Volume	50 - 300µl	
	Processing Time	30 - 180 min (protocol dependent)	
	Processing Capability	1/12 samples/run	1/24 samples/run
	LIMS connectivity	Import Sample ID/ Export the traceability report via SD card	
	Sample Type	Whole Blood, Buffy Coat, Leukocyte, Plasma, Serum, FFPE, Fresh/ Frozen tissue, Culture cells, Saliva, Sputum, Bacterial cells, Swab, Stool, Urine, Forensics and other Biological samples.	
Target of Purification	Genomic DNA, Total Viral Nucleic Acid, Bacterial DNA, cfDNA, ctDNA		
TEACEABILITY/ SAFETY	Real-Time Video Recorder	Automatic video recording during entire extraction process	
	UV Decontamination	Built-in UV lamp decontamination	
	Door Sensor/ Safety Lock	✓	✓
	Consumable fixing lock	✓	✓

Order INFO

Name	Cat. No.
MagPurix 12 EVO	ZP01018
MagPurix 24 EVO	ZP01019

Reagent Kits	Name	Cat. No.
Genomic DNA	MagPurix Blood DNA 200 Extraction Kit	ZP02001
	MagPurix Blood DNA 1200 Extraction Kit	ZP02002
Virus	MagPurix Viral Nucleic Acid Extraction Kit	ZP02003
	MagPurix Viral Nucleic Acid LV Extraction Kit	ZP02016
	MagPurix Viral Pathogen Nucleic Acids Extraction Kit A	ZP02011
	MagPurix Viral Pathogen Nucleic Acids Extraction Kit B	ZP02012
	MagPurix Viral RNA Extraction Kit	ZP02013
Bacteria	MagPurix Bacterial DNA Extraction Kit	ZP02006
	MagPurix Viral Pathogen Nucleic Acids Extraction Kit A	ZP02011
	MagPurix Viral Pathogen Nucleic Acids Extraction Kit B	ZP02012
Tissue	MagPurix Tissue DNA Extraction Kit	ZP02004
Cell Cultures	MagPurix Cultured Cell DNA Extraction Kit	ZP02005
HPV	MagPurix HPV DNA Extraction Kit	ZP02007
TB	MagPurix TB DNA Extraction Kit	ZP02008
FFPE	MagPurix FFPE DNA Extraction Kit	ZP02009
Forensics	MagPurix Forensic DNA Extraction Kit	ZP02010
Total RNA	MagPurix Total RNA Extraction Kit	ZP02015
cfDNA	MagPurix CFC DNA Extraction Kit	ZP02017
	MagPurix cfDNA Urine Extraction Kit	ZP02032
	MagPurix cfDNA Plasma Extraction Kit	ZP02033

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