



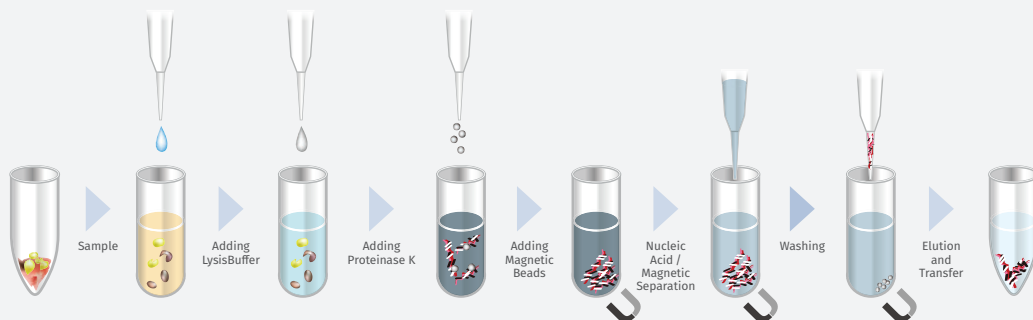
# MagPurix<sup>®</sup> EVO

## HIGH QUALITY DIAGNOSTIC DNA/RNA PURIFICATION

The latest fully automated clinical sample DNA/RNA preparation system from Zinexts. Compact, user friendly with pre-loaded protocols with full kit range. Sample traceability and complete reports (in compliance with 21 CFR part 11) makes it the perfect diagnostic companion.

### Technology

The highest quality is empowered by Zinexts' proprietary Magnetic Bead Separation Technology to ensure high efficiency of lysis and elution, and minimise magnetic beads and alcohol residues in the final elution product.



#### TRACE-ABILITY

Sample ID scanning  
Cartridge ID scanning  
Elution tube ID scanning  
Traceability report

#### HIGH QUALITY RESULT

Precise liquid handling & patented sliding slope design to ensure better purification efficiency

#### INTUITIVE INTERFACE

17cm touch panel display & user interface makes the system easy to use. No complicated training required in advance.

#### READY-TO-GO-REAGENTS

Validated protocols and optimised reagent kits ensure high quality and high yield of NA purification. The purified nucleic acids can be used directly in NGS, qPCR and ddPCR assays

#### WORRY-FREE

Eliminate contamination with pre-filled reagents and disposables, and synchronized stage movement.

#### LIQUID BIOPSY

Isolation of cell free circulating DNA, circulating tumour cells and DNA from liquid biopsies such as blood, plasma, urine and saliva.



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GENERAL SPECIFICATION	12 EVO	24 EVO
Exterior Design	Sliding door	
Control Type	Mitsubishi PLC	
Display	18cm colour Touch Panel	
Heating	(Room Temp. to 100°C)	
Power Supply	100-240 V AC +/- 10%, 50/60 Hz +/- 5%	
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
LIMS connectivity	Import Sample ID / Export the traceability report via SD card or mini USB	
Real-Time Video Recorder	Automatic video recording during entire extraction process	
EXTRACTION FEATURES		
Thruput	Processing 1-12 samples per run	Processing 1-24 samples per run
Method	Magnetic bead based extraction technology	
Liquid Handling	•	•
Polygon Reaction Chamber	•	•
Sample Volume	100 µL- 10 mL	
Elution Volume	50-300 µL	
Extraction Time	30-180 min (protocol dependant)	
Sample Type	Whole blood, Buffy coat, Leukocytes, Plasma, Serum, FFPE tissue, Fresh/frozen tissue, Cultured cells, Saliva, Sputum, Bacterial cells, Swabs, Stool, Urine, Forensics and other Biological samples	
APPLICATION		
Nucleic Acid Extraction	DNA, RNA extraction, purification, isolation, sample preparation from bio specimen, used for PCR, qPCR, sequencing, NGS, genotyping, restriction enzymedigestion, hybridisation, food inspection, GMO, and more	
Bisulfite Conversion	Processing DNA extraction and bisulfite conversion together for methylationspecific PCR assay	
CTC Capture & Staining**	•	•
DNA Concentration & Clean-up	Concentrating DNA from large volume liquid biopsy specimen with special magnetic bead	
DNA Fractionation	Purify DNA from liquid biopsy samples and followed by HMW DNA & LMW DNA separation	
Target of Purification	Genomic DNA, Total Viral Nucleic Acids, Bacterial DNA, cfDNA, ctDNA, CTC	
CONVENIENCE FEATURES		
6-separable reaction strip cartridges	•	•
Pre-filled, foil-sealed ready-to-use reagent cartridges	•	•
Easy protocol setup by touch panel	•	•
Removable sample / purified nucleic acid Rack	•	•
Purified nucleic acids can be transferred to 1.5 ml Eppendorf tube or 0.2 ml PCR tube***	•	•
Disposable auto-piercing	•	•
Self-calibration	•	•
Lighting	LED	LED
SAFETY FEATURES		
UV Decontamination	Built-in UV lamp decontamination	
Contamination Prevention	Synchronised stage movements protect each sample from cross-contamination	
Door Sensor / Safety Lock	•	•
Consumable fixing lock	•	•
CE IVD	•	•
LIMITED WARRANTY		
	Motor 5 years / Whole System 2 years****	