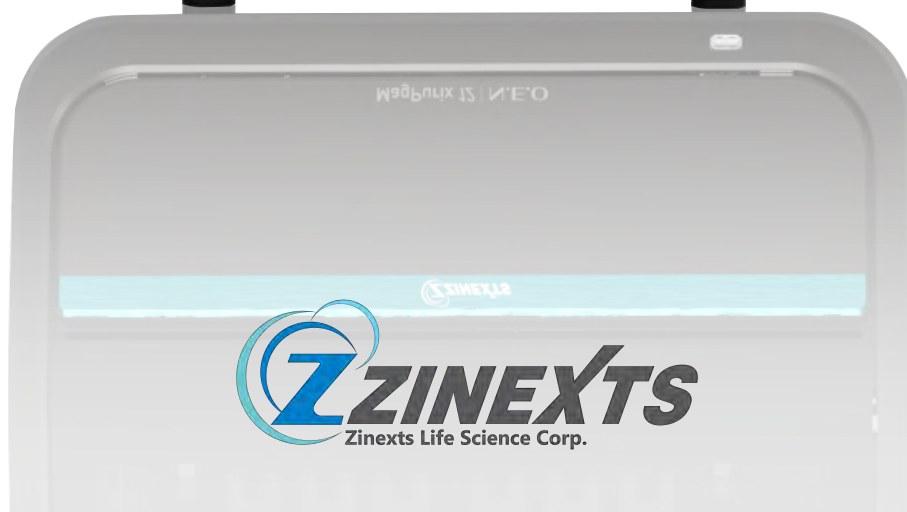


MagPurix 12 | N.E.O.

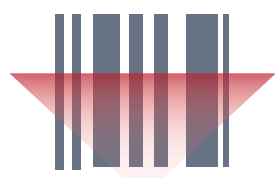


MagPurix 12 | N.E.O.

(Nucleic acid Extraction Optimized)

MagPurix 12 N.E.O. is our latest state-of-the-art clinical sample preparation system designed for Molecular Diagnostics. This fully-automated platform ensures rapid and efficient extraction of high-quality nucleic acids from various sample types. With the MagPurix 12 N.E.O., scientists and laboratories can now achieve reliable and significant results while streamlining their workflow. By minimizing hands-on time, reducing handling errors, and ensuring purification consistency, this advanced system provides a simplified and confident experience for researchers.

Smart Operation



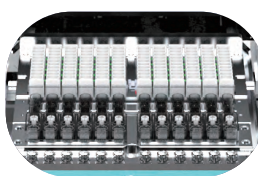
No - Touch Log In

Scan User ID barcode for quick log in.



Scan QR Code

No manual input required, just one scan away for protocol and sample info.



Load

Automatic open/close tray for easy sample load.

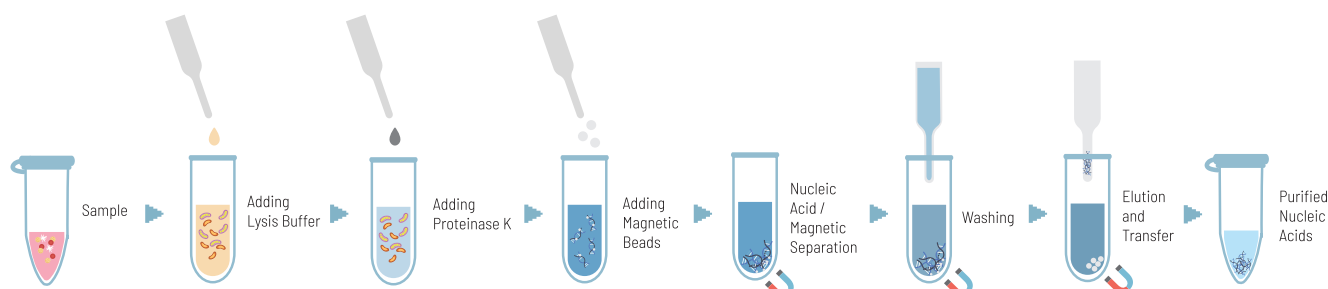


Process & Walk Away

One-click start for fast processing time. Fully automated from start to finish.

Patented Liquid Handling System

Advanced Magnetic Bead Extraction Technology



Our cutting-edge MagPurix technology utilizes proprietary magnetic beads for the efficient extraction of nucleic acids from various samples. This platform offers a remarkable level of automation, allowing users to achieve a truly hands-free experience from sample to results. The purification process encompasses essential steps such as lysis, binding, washing, and elution, ensuring optimal extraction and purification of nucleic acids. With our patented liquid handling system, researchers can obtain reliable results with ease.

Serving You Better



Optimized protocols
providing short processing times



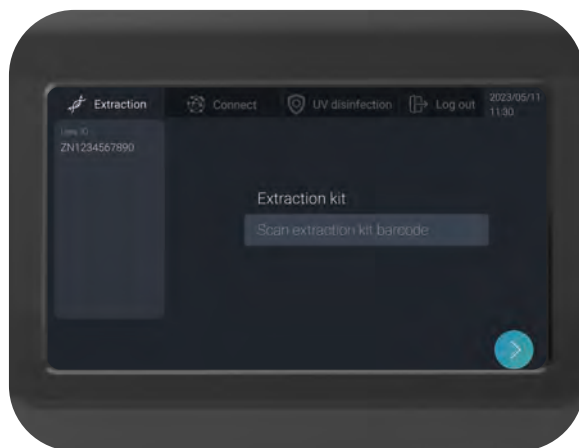
Optimized reaction chamber
for improved efficiency in lysis and elution



New technology in heating & magnet module
that improves instrument reliability even more

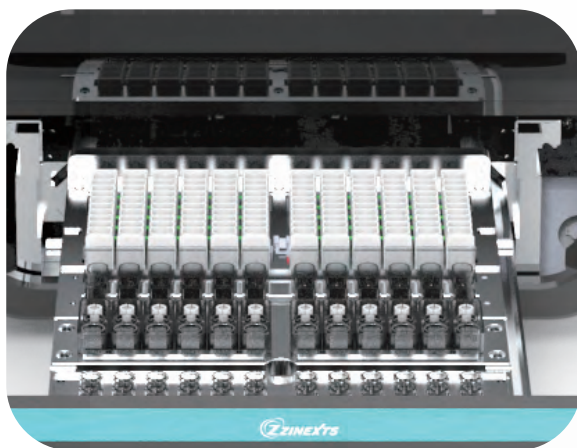


Smart & intuitive user interface
that allows rapid start of instrument operation



EASY DISPLAY

- Simple & clean user-centric interface for easy navigation and set-up
- Keeps you up-to-date along the whole process



OPTIMIZED DESIGN

- New V-shape reaction chamber for enhanced results
- New tip holder and secure tip for smoother extraction process
- New heating & magnet module for efficient operation





SAFETY & CONVENIENCE

- Easy-access service door for maintenance and technical support
- Security lock for enhanced safety measures



UNLEASH FULL POTENTIAL

- Advanced functionality accessible with computer connected to instrument
- Access & navigate any desired run log, manage user ecosystem, access protocol settings, and much more...



LIS CONNECTIVITY

- Bi-directional LIS connection for smooth integration into your workflow, boosting your lab efficiency

Inheriting all benefits from the MagPurix technology, MagPurix 12 N.E.O. features in optimized usability, functionality and its compatible extraction kits.

Applications

Optimized Extraction Kits

Oncology

Urine cfDNA
Plasma cfDNA
Tissue DNA
FFPE DNA
Genomic DNA

STI

HPV DNA
Virus NA
Virus / Bacteria NA

Forensic

Forensic DNA

Infectious Disease

TB DNA
Bacterial DNA
Virus NA
Virus / Bacteria NA

Microbiome

Bacterial DNA



Specifications

GENERAL SPECIFICATION

Dimensions (W x D x H)	43 x 56 x 54 cm
Weight	50 kg
Power Supply	100 - 230 V AC
Interface	7" touchpad

EXTRACTION FEATURES

Capacity	1-12 samples / run
Sample Input Volume	100 - 2,000 µl (up to 15 ml for cfDNA)
Sample Elution Volume	50 - 300 µl
Processing Time	20 - 75 minutes / run (dependent on protocol used)
Consumables	Pre-filled extraction cartridges, > 18 optimized kits available

FUNCTIONALITY FEATURES

Activation Sensor	No-Touch
Protocol Input	via Barcode
Connectivity	Bi-directional LIS
Door Sensor	Automatic cartridge tray open / close

Order INFO

Name	Cat. No.
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MagPurix 12 N.E.O.	Inquire
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Reagent Kits	Name	Cat. No.
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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 Pathogen Nucleic Acids Extraction Kit A	ZP02011
	MagPurix Viral Pathogen Nucleic Acids Extraction Kit B	ZP02012
	MagPurix Viral RNA	ZP02013
	MagPurix Viral Nucleic Acid LV Extraction Kit	ZP02016
	MagPurix Viral Pathogen RNA Extraction Kit	ZP02027
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
	MagPurix Viral Pathogen RNA Extraction Kit	ZP02027
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 cf DNA Urine Extraction Kit	ZP02032
	MagPurix cf DNA Plasma Extraction Kit	ZP02033
Plant Tissue	MagPurix Plant DNA Extraction Kit	ZP02014

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