

Starter Automation Series



ZiXpress[®]

The 2nd Generation of Research and Diagnostic Companion Automated purification system

Multi-Target Purification System

ZiXpress[®] 2nd Generation is the new research-oriented purification open system from Zinexts Life Science Corp. ZiXpress[®] series enable the purification of High Yield and High Purity Nucleic Acids from nearly all kind of sample. User is free to set his own extraction protocols thanks to the quick user friendly editing protocol set up function. ZiXpress[®] is an easy to use stand alone device with a compact benchtop format and a colored user friendly 7" inch touch panel. ZiXpress[®] comes in two format, 32 and 64 Samples in parallel, with a choice of 4 prefilled kits: Bacterial, Viral, Blood and Tissue kits, and offers user to run the platform with Third party reagents and consumables to explore its full potential. ZiXpress[®] Series is the perfect Scientific companion tool for Biological diagnostic, Clinical Research and Life Science that pushes the limits of molecules Extraction and Purification.

Technology

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



Bacteria



Virus



Blood



Tissue



Other Molecule

Application



Pre-natal Diagnostic



Infectious Diseases



Genetic Tests



Oncology Research



Forensic, Genealogy tests



Food Safety, GMO



GENERAL SPECIFICATION	ZiXpress 32	ZiXpress 64
Exterior Design		Anti-UV Acrylic Door
Control Type		HMI
Display		7" inch Color Touch Panel
Heating		Up to 95 °C
Power Supply		100-240 V 50-60 Hz
Dimension (WxDxH)	43.7 x 36 x 50 cm	72.2 x 36 x 49 cm
Weight	25 kg	35 kg

EXTRACTION FEATURES		
Thruput	1-32 samples per run	1-64 samples per run
Method	Automated Magnetic Beads based technology	
Magnetic Pillar	•	•
Sample Volume	<ul style="list-style-type: none"> • 200 µl suggested in Prefilled Cartridges • Defined by user in Non-Prefilled cartridges 	
Elution Volume	<ul style="list-style-type: none"> • 100µl suggested in Prefilled Cartridges • Defined by user in Non-Prefilled cartridges 	
Extraction Time	<ul style="list-style-type: none"> • 40 min in Prefilled Cartridges • Defined by user settings in Non-Prefilled cartridges 	
Sample Type	Serum, Plasma, Mammalian Whole Blood, Buffy Coat, Bacterial Suspension, Tissue Lysate...	
Targets of Purification	Viral NA, Bacterial NA, gDNA, ...	

APPLICATION		
Field of Application	Research and Life Science, Clinical Diagnosis, Infectious diseases, Oncology research, Food Safety, GMO, ...	
Downstream of Application	PCR, qPCR, sequencing, NGS, genotyping, Restriction enzyme digestion, ...	
Proteomics	Possibility for customer to adapt protocol for protein purification	

CONVENIENCE FEATURES		
96 Prefilled Deep-Well Plates	•	•
Third-party Consumable compatibility	•	•
Third-party Reagent compatibility	•	•
12 protocol editing free slots	•	•
Lighting	LED	

SAFETY FEATURES		
UV Decontamination	UV Lamp (up to 5.000 h)	
Contamination Prevention	Magnetic rod 3 Speed levels	
Consumable Fixing Lock	•	•
Certification	CE	CE

WARRANTY		
	Whole system 1 year	