

Ordering Information

Automated Nucleic Acid Purification Workstation

Product Name	Model Spec	Item Number
iNA16™	1-16 samples per run	IN-NA-16
iNA24™	1-24 samples per run	IN-NA-24

Nucleic Acid Purification Reagent Kit

Product Name	Pack Size	Item Number
iNA™ Genomic DNA Whole Blood Extraction Kit	96 preps	IN-NA-101
iNA™ Genomic DNA Tissue Extraction Kit	96 preps	IN-NA-103
iNA™ Genomic DNA Cultured Cells Extraction Kit	96 preps	IN-NA-104
iNA™ Genomic DNA Plant Extraction Kit	96 preps	IN-NA-105
iNA™ Genomic DNA FFPE One-Step Extraction Kit	72 preps	IN-NA-201
iNA™ Total RNA FFPE One-Step Extraction Kit	72 preps	IN-NA-202
iNA™ Genomic DNA FFPE One-Step Extraction Kit (High Sensitivity)	72 preps	IN-NA-203
iNA™ Total RNA Blood Extraction Kit	96 preps	IN-NA-301
iNA™ Total RNA Tissue Extraction Kit	96 preps	IN-NA-302
iNA™ Viral Nucleic Acid Extraction Kit	96 preps	IN-NA-401
iNA™ Viral Nucleic Acid Extraction Kit (Large Volume)	96 preps	IN-NA-402
iNA™ Bacterial DNA Kit (Gram +/-)	96 preps	IN-NA-501
iNA™ Cell-Free DNA Extraction Kit (2.0 mL)	96 preps	IN-NA-602
iNA™ Cell-Free DNA Extraction Kit (4.0 mL)	96 preps	IN-NA-603



Automated Nucleic Acid
Purification Workstation

iNA16™ • iNA24™



INvision Precision Medicine, a business unit of
Instant NanoBiosensors

 <http://www.instantnano.com/>
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For research use only.



Minimizing Hands-on Pre-treatment Steps,
Contributing to Stable and Qualified Results



Automated Nucleic Acid Purification Workstation



Convenience
Without removing
sealing membranes



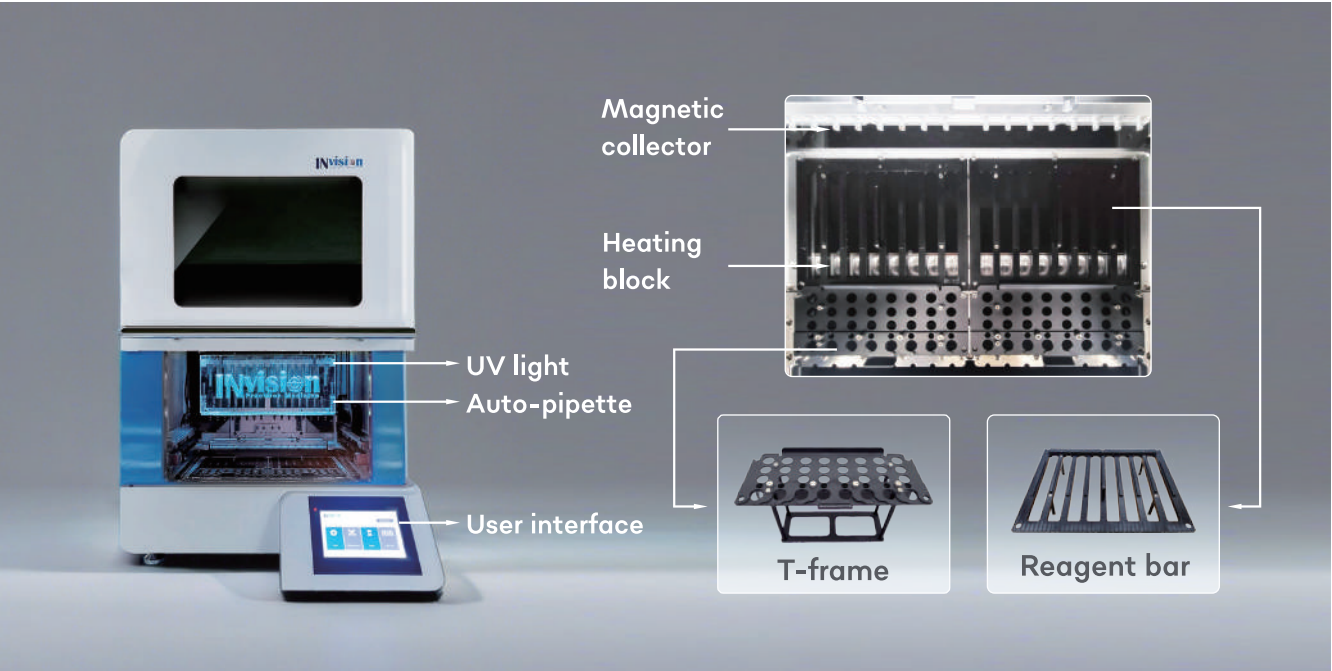
Time Management
Specialized heating design
for long-term incubation,
like FFPE samples



Flexibility
The testing number
per run is up to you



Protection
Designed pipettes and
tips prevent
cross-contamination



Automated Nucleic Acid Purification Workstation Specification

Model Name	iNA16™	iNA24™
Throughput	1-16 samples per run	1-24 samples per run
Sample Processing Volume	200-4000 µL	
Elution Volume	60-200 µL	
Extraction Time	45-90 min	
Mechanical Motion	2-axis movement, automatic liquid handling and pipetting system	
Purification Technology	Magnetic bead separation	
Control System	PLC module and embedded ARM mainboard	
Protocol management	Installed; can upgrade manually with a USB drive	
Operator Interface	7" multi-color touch screen	
Language	English	
Operating Conditions	5 - 40°C; RH < 80%	
Transport/Storage Temperature	RT	
Temperature Control Range	Up to 90°C	
Disinfection	Built-in 8W UV light with 10,000 hrs effective life	
Net Weight	68.5 kg	110 kg
Dimensions (W×D×H; mm)	660 × 650 × 669	800 × 658 × 669
Power Supply	AC 100-240V, 50-60Hz	

Reagent Kits Selection Guide

Reagent Kits Selection Guide

		Analysis	Sample types															
		PCR	NGS	Whole Blood	Serum/ Plasma	Buffy Coat	Cerebrospinal Fluid (CSF)	Amniotic Fluid	Urine	FFPE	Cultured Cells	Animal Tissues	Bacteria Culture	Sputum	Plant Tissues	Swab	Saliva	Wastewater
gDNA	Genomic DNA Whole Blood Extraction Kit	●	●	●	●	●												
	Genomic DNA Tissue Extraction Kit	●	●									●				●	●	
	Genomic DNA Cultured Cells Extraction Kit	●	●				●	●			●							
	Genomic DNA Plant Extraction Kit	●	●												●			
	Genomic DNA FFPE One-Step Extraction Kit	●								●								
	Genomic DNA FFPE One-Step Extraction Kit (High Sensitivity)	●	●							●								
cfDNA	Cell-Free DNA Extraction Kit (1.2 mL)	●	●		●				●									
	Cell-Free DNA Extraction Kit (4.0 mL)	●	●		●				●									
RNA	Total RNA FFPE One-Step Extraction Kit	●	●							●								
	Total RNA Blood Extraction Kit	●	●	●	●	●												
	Total RNA Tissue Extraction Kit	●	●									●			●			
Virus	Viral Nucleic Acid Extraction Kit (0.2-0.4 mL)	●	●		●	●	●	●	●					●		●	●	●
	Viral Nucleic Acid Extraction Kit (0.8 mL)	●	●		●	●	●	●	●					●		●	●	●
Bacteria	Bacterial DNA Kit (Gram +/-)	●	●		●	●	●	●	●				●	●		●	●	●

Nucleic Acid Purification Reagent Kit



Aerosol Control
Retaining magnetic beads
in the tip during processing
decreases aerosol release



Ready-to-Use
Cartridges pre-filled with
reagents

Most of purified nucleic acids can be applied directly for PCR or NGS