



Automated Nucleic Acid Purification Workstation

iNA16™ • iNA24™

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

Automated Nucleic Acid Purification Workstation



Convenience

Without removing
sealing membranes



Flexibility

The testing number
per run is up to you



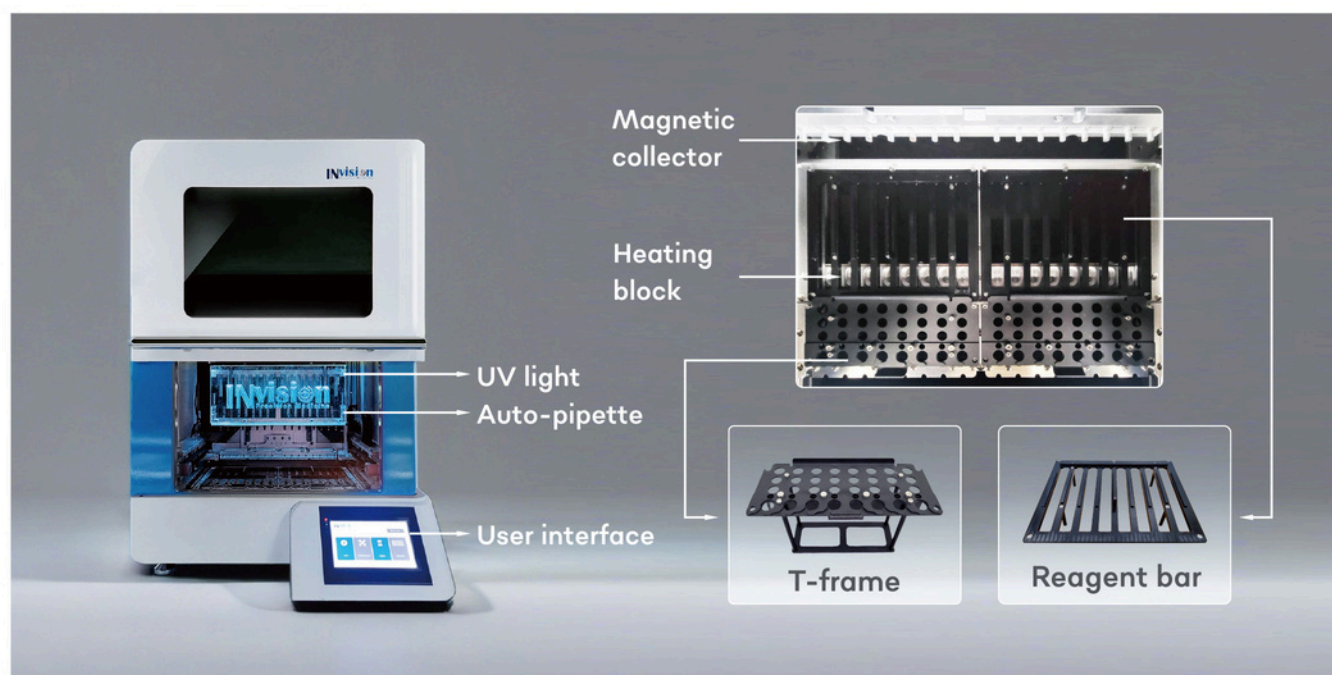
Time Management

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

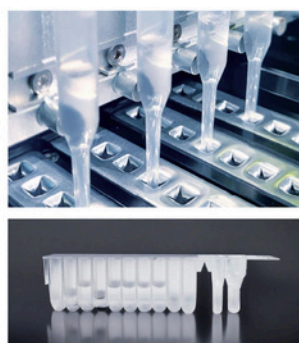


Protection

Designed pipettes and
tips prevent
cross-contamination



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

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 +/-)	●	●		●		●		●				●	●		●	●	●	

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



**Invision Precision Medicine, a business unit of
Instant NanoBiosensors**



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For research use only.

