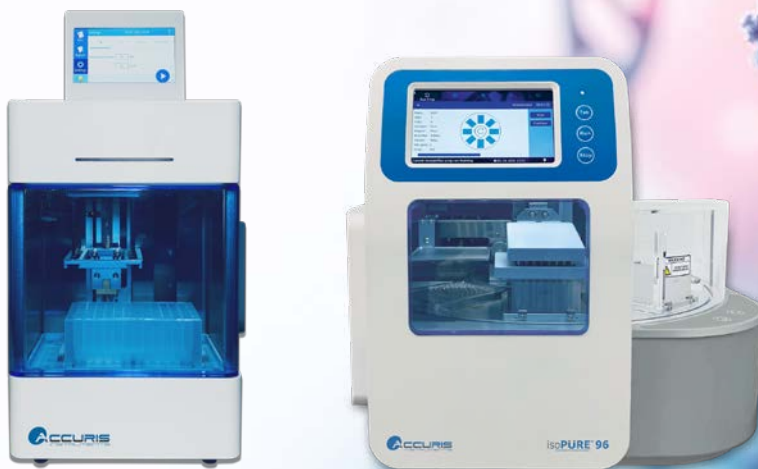


MACHEREY-NAGEL

Automated nucleic acid extraction made easy

Bioanalysis



IsoPure 16 – IsoPure 24 – IsoPure 96

Magnetic rod systems for increased efficiency

- Fast, reliable and reproducible DNA/RNA extractions
- Experimentally verified protocols for increased method security
- Technical support to ensure seamless integration in your lab

MACHEREY-NAGEL

www.mn-net.com



Automated nucleic acid extraction – IsoPure Mini / 24 / 96

Reliable and automated bench-top nucleic acid purification using complete MACHEREY-NAGEL solutions

MACHEREY-NAGEL offers superior solutions for automated nucleic acid extractions. To provide a fast and reliable automation solution, we combine our magnetic bead-based NucleoMag® kits with magnetic rod systems. This allows you to choose a solution that is tailored to your throughput.

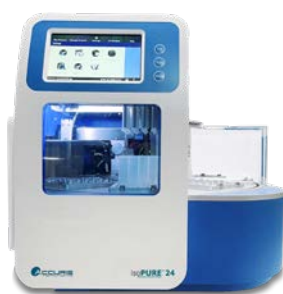
The IsoPure devices are stand-alone instruments that are easy to set up, program and operate. Mixing, magnetic bead separation and transfer, washing, and elution steps are performed fully automatically, saving valuable hands-on time while removing manual variation and producing robust results. The purification process can be completed within 20 to 90 minutes depending on the type of NucleoMag® kit used and the complexity of the program.

IsoPure Mini



- Process up to 16 samples
- Total volume per well: 50 – 1,000 µL
- Compact footprint (8" x 10")
- Android app compatible
- UV sterilization function

IsoPure 24



- Process up to 24 samples
- Process large volumes (up to 10 mL)
- 8-position carousel with 2 heating blocks
- Touch screen panel for on-board programming and operation
- UV sterilization function

IsoPure 96



- Process up to 96 samples in parallel
- Total volume per well: 50 µL – 1,000 µL
- 8-position carousel with 2 heating blocks
- Touch screen panel for on-board programming and operation
- UV sterilization function

Benefits to choosing MACHEREY-NAGEL as an automation partner



Method safety

The MACHEREY-NAGEL automation specialists have developed verified methods for nucleic acid extraction from various sample materials. All verified protocols come pre-installed or are available on request, for an easy and worry-free implementation of this automation solution in your lab.



Support

We support you every step of the way to automate your genomic workflow. Use the verified methods developed by our MACHEREY-NAGEL automation specialists, or tap into their expertise to make further customizations. Our sales team supports you from demonstrations, installation, script and kit support to after sales support.



Automation benefits

Automating repetitive work processes can positively influence your work in many ways. Benefit from consistent output, on-time output, reproducibility, standardization, reduced hands on time, and documented data integrity!



User-friendly

With its intuitive user interface everyone can learn to operate the IsoPure devices within minutes. Programs can be easily selected, started or modified with just a few clicks. Programs or run files can also be imported or exported to the device via USB drive.



Reliable and high-quality results

Consistently extract high quality DNA/RNA from multiple sample types that can be used for various downstream applications (e. g. NGS, qPCR, dPCR, ...).



Flexibility

The IsoPure devices allow the modification of any protocol parameters to your needs (e. g. volume, temperature, mixing and magnetic separation conditions).



IsoPure Landing Page

Scan the QR code or click the link below to get more information on our magnetic rod systems.

Questions?

You have questions about the device or want to learn more about suitable reagents and consumables? Please contact us for assistance:
Toll-free: 888-321-6224
Email: sales-us@mn-net.com



Automated nucleic acid extraction – IsoPure Mini / 24 / 96



The IsoPure Mini – Automation for low-throughput

- Ideal for small to medium throughput and rapidly changing applications
- Compatible with all popular magnetic bead kits
- Process up to 16 samples in parallel
- Total volume per well: 50 µL – 1,000 µL
- Android app compatible

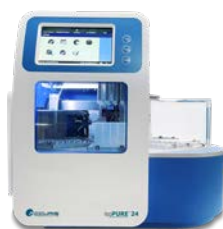
For more information on technical data, specification and related products:



Experimentally verified scripts and protocols



Product	Specifications	Quantity	REF
IsoPure Mini	Magnetic rod system for automated nucleic acid extraction using MACHEREY-NAGEL's NucleoMag® kits, parallel processing of up to 16 samples	1	747000
Android tablet with IsoPure Mini app	Android tablet preloaded with IsoPure Mini app for simple method transfer	1	747001
96 Deep-well plates	96 deep-well plates for IsoPure Mini	25	744955
Tip combs	8-place magnetic tip comb for IsoPure Mini	50	744960



The IsoPure 24 – Automation for large volumes

- Ideal for larger volume samples to achieve high recovery or sensitivity
- Fast, reliable and reproducible DNA / RNA extractions
- Process up to 24 samples in parallel
- Process large volumes (up to 10 mL)
- Touch screen panel for on-board programming and operation

Scale up your protocol!

Most requested kits for large volumes:

- NucleoMag® Blood 3 mL
- NucleoMag® cfDNA kit
- NucleoMag® Plasmid

Product	Specifications	Quantity	REF
IsoPure 24	Magnetic rod system for automated nucleic acid extraction using MACHEREY-NAGEL's NucleoMag® kits, parallel processing of up to 24 samples	1	747006
24 Deep-well plates	24 deep-well plates for IsoPure 24	25	744963
24 Tip combs + 24-Deep well plates	24-place magnetic tip comb and 24-Deep well plates for IsoPure 24, ratio 1:1	50	744964



The IsoPure 96 – Automation for high-throughput

- Ideal for high throughput screenings and routine nucleic acid extractions
- Compatible with all popular magnetic bead kits
- Process up to 96 samples in parallel
- Total volume per well (50 µL – 1,000 µL)
- Touch screen panel for on-board programming and operation

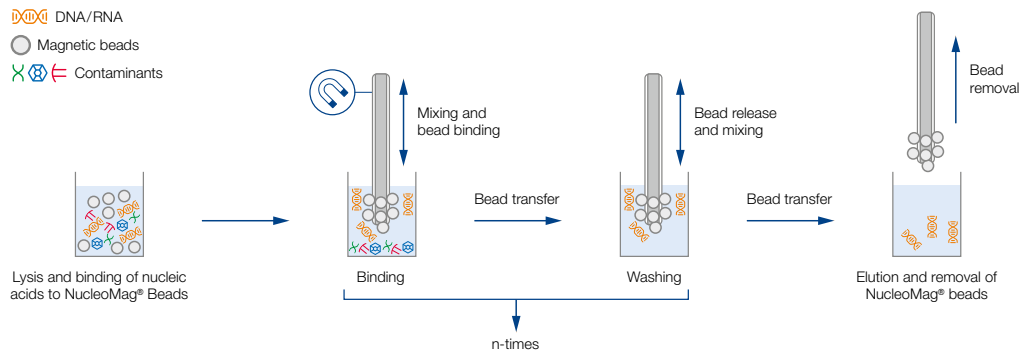
For more information on technical data, specification and related products:



Product	Specifications	Quantity	REF
IsoPure 96	Magnetic rod system for automated nucleic acid extraction using MACHEREY-NAGEL's NucleoMag® kits, parallel processing of up to 96 samples	1	747005
96 Deep-well plates	96 deep-well plates for IsoPure 96	25	744955
96 Tip combs	96-place magnetic tip comb for IsoPure 96	4	744956
96-well Accessory Kit A	96-Square-well Blocks (DWP), 96-Deep-well Tip Combs (DWT), 96 Elution Plates	16 DWP, 4 DWT, 4 Elution Plates	744950
96-well Accessory Kit B	96-Square-well Blocks (DWP), 96-Deep-well Tip Combs (DWT), 96 Elution Plates	20 DWP, 4 DWT, 4 Elution Plates	744951

Automated nucleic acid extraction – IsoPure Mini / 24 / 96

The perfect match: MACHERY-NAGEL's nucleic acid extraction solutions with magnetic bead technology



Verified scripts and protocols are accessible free of charge for MACHERY-NAGEL's magnetic bead-based DNA/RNA extraction kits.

Applications	Sample material	Kit	REF	
■ Plasmid DNA	Bacteria (<i>E. coli</i>)	NucleoMag® Plasmid	744750.1 / .4	
■ Clean up	Reaction mixtures from NGS library kits or enzymatic reaction (such as PCRs), DN and RNA clean-up	NucleoMag® NGS Clean up and Size Select	744970.5 / .50 / .500	
■ RNA	Human / animal cells and tissue, plant tissue	NucleoMag® RNA Pro	744360.1 / .4	
		NucleoMag® RNA/DNA Pro	744370.1	
	Blood	NucleoMag® RNA Blood	744352.1 / .4	
■ Genomic DNA	Animal tissue, Bacteria, Blood, Cells, Human tissue, Plant, Saliva, Swabs, Yeast	NucleoMag® HMW DNA	744160.1 / .4	
	Whole blood	NucleoMag® Blood 200 µL	744501.1 / .4	
		NucleoMag® Blood 200 µL Prefilled Plates	744510	
		NucleoMag® Blood 3 mL	744502.1	
	Animal tissue, Cells, Human tissue	NucleoMag® Tissue	744300.1 / .4 / .24	
		NucleoMag® Tissue prefilled Plates	744302	
	Swab specimens for gDNA isolation (host or microbial)	NucleoMag® DNA Swab	744601.1 / .4 / .24	
	FFPE, fixed samples, tissue sections	NucleoMag® DNA FFPE	744320.1 / .4	
	Forensic traces such as blood spots, casework samples, cigarette filters, contract traces, swabs	NucleoMag® DNA Forensic	744660.1 / .4	
	Plant tissue	NucleoMag® Plant	744400.1 / .4 / .24	
	Water and air samples including wastewater samples	NucleoMag® DNA/RNA Water	744220.1 / .4	
	Animal tissue, bacteria, fungi, human tissue, insects	NucleoMag® DNA Bacteria	744310.1 / .4	
	Biofilm samples (incl. swabs), soil, stool	NucleoMag® DNA Microbiome	744330.1 / .4	
	Food and feed	NucleoMag® DNA Food	744945.1 / .4	
	■ cfDNA	Plasma, serum, cell-free BCT® (Streck)	NucleoMag® cfDNA	744550.1 / .4
	■ Viral DNA / RNA	Cell-free biological fluids, plasma, serum	NucleoMag® Virus	744800.1 / .4
		Animal tissue, blood, cell-free biological fluid, plasma, serum, stool, swabs	NucleoMag® VET	744200.1 / .4 / .100
NucleoMag® VET Prefilled Plates			744209	
Blood, cell-free biological fluid, human tissue, plasma, serum, stool, swabs		NucleoMag® Pathogen	744210.1 / .4 / .100	
	NucleoMag® Pathogen Prefilled Plates	744211		

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Management System
 EN ISO 13485:2016
 ISO 9001:2015

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