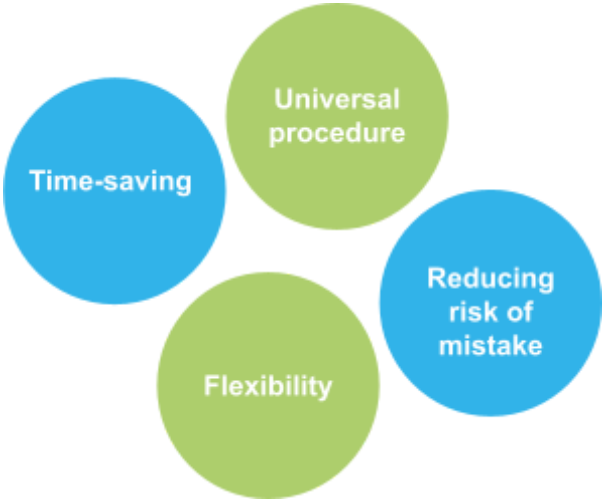
A&A BIOTECHNOLOGY
innovating life science

30 years

MagnifiQ™

MagnifiQ™ System

MagnifiQ™ System utilizes magnetic interaction technology to automate the isolation of nucleic acids. The system includes Auto-Pure Series devices and the **MagnifiQ™** product line.



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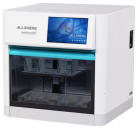
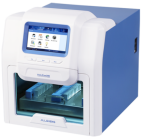
Product list

	product name	cat #
	Auto-Pure Mini	AP-M
	Auto-Pure 32A	AP-32a
	Auto-Pure S32	AP-32S
	Auto-Pure 20B	AP-20B
	Auto-Pure 96	AP-96
	product line MagnifiQ™	more information www.aabiot.com/MagnifiQ

Advantages

- simple, automatic, fast isolation
- isolation of different samples in one purification cycle
- high quality and excellent reproducibility extraction
- reducing the risk of contamination

Description

The Auto-Pure series devices use magnetic interaction technology to automated and efficient isolation of nucleic acids. The isolation method is based on the absorption of nucleic acids on the surface of magnetic beads. Auto-Pure devices have built-in magnetic rods, which tract and release magnetic beads to transfer the nucleic acids.
This method significantly shortens the working time and reduces risk of making a mistake in comparison to manual methods. Magnetic beads technology provides scalable, reproducible purification of high-quality nucleic acids suitable for a broad range of applications. Auto-Pure devices can be used in scientific research, disease control systems, food safety and clinical monitoring.

A&A Biotechnology has developed the **MagnifiQ™** product line, which guarantees efficient isolation of nucleic acids. **MagnifiQ™** product line is optimized to work with Auto-Pure devices. The **MagnifiQ™** products are designed for an extremely simple workflow and obtaining high-quality nucleic acid ready to downstream applications.

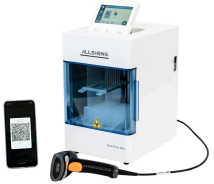
A&A Biotechnology offers two types of kits:

Instant Kit - ready-to-use set that enables the extraction process, contains all necessary consumables and pre-filled reagents.

Reagents and Consumables Kit - set of buffers and all necessary consumables for self-filling of plates.

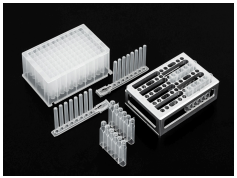
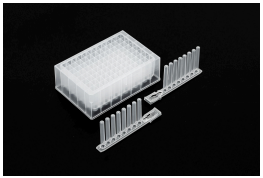
Choose **MagnifiQ™ System** to meet your application needs and automate your workflow.

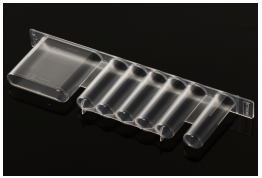
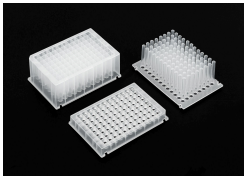
Auto-Pure selection guide



model	Auto-Pure Mini	Auto-Pure 32A	Auto-Pure S32	Auto-Pure 20B	Auto-Pure 96
sample per run	1-16	8-32	1-32	1-20	96
maximum processing volume [ml]	1	1	1	5	1
size [mm]	200 x 260 x 300	400 x 470 x 450	417 x 410 x 426	400 x 520 x 450	560 x 620 x 600
weight [kg]	7	28	20	30	54

Consumables list

model	Auto-Pure Mini	Auto-Pure 32A	Auto-Pure S32	Auto-Pure 20B	Auto-Pure 96
96 deep well-plate U-bottom		☑			
96 deep well-plate V-bottom	☑		☑		☑
8-tip comb	☑	☑	☑		
96-tip comb					☑
single test strip	☑		☑		
5 ml tube strip				☑	
10-tip comb				☑	

Product specification

Auto-Pure Mini

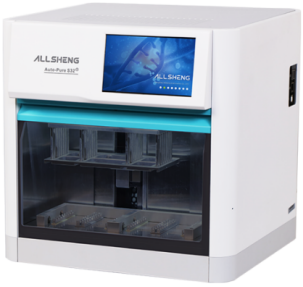
Auto-Pure Mini is characterized by mini size and powerful function to meet the daily testing requirement of small labs. It is a compact device that easily fits on a bench. Its low weight makes it easy to carry. The AP-Mini is supplied with a low voltage power supply that enables portable laboratory or in-the-field operations. The AP-Mini system makes creation, editing and management programs on mobile phone by APP. External scanner enables easy program uploading from a dedicated mobile phone programming unit also supplied by A&A Biotechnology.
The AP- Mini System offers nucleic acid purification of up to 16 samples per run and single test strip operating mode that lowers the cost of single test.

devoice	Auto-Pure Mini
principle mode	automated magnetic method
throughput	1-16 samples per isolation run
process volume range	20 µl - 1000 µl
heating temperature	up to 120˚C
plastic consumables	8-tip comb, 96 deep well-plate, single test strip
program	preset programs allow purification a wide variety of sample types, possibility to create up to 100 programs
operation interface	4.3" touch screen, 3 shortcut keys, external scanner, dedicated mobile phone for programming
port	2 Standard USB port
lighting	LED
sterilization	UV sterilization
size (WxDxH)	200 x 260 x 300 mm
weight	7 kg

Auto-Pure 32A

Auto-Pure 32A offers high automated nucleic acid extraction up to 32 samples per run with 2 deep-well plates. It is suitable for routine sample extraction of blood, animal and plant tissues. System allows users to purify nucleic acid samples in an affordable way.

devoice	Auto-Pure 32A
principle mode	automated magnetic method
throughput	8-32 samples per isolation run (16 samples per plate)
process volume range	50 µl - 1000 µl
heating temperature	from ambient temperature to 120˚C
plastic consumables	8-tip comb, 96 deep well-plate
program	preset programs allow purification a wide variety of sample types, possibility to create up to 100 programs
operation interface	7” touch screen, 3 shortcut keys, USB-mouse
port	2 Standard USB port
lighting	LED
sterilization	UV sterilization
size (WxDxH)	400 x 470 x 450 mm
weight	28 kg



Auto-Pure S32

Auto-Pure S32 offers high automated nucleic acid extraction up to 32 samples per run with 2 deep-well plates. It is suitable for routine sample extraction of blood, animal and plant tissues. System allows users to purify nucleic acid samples in an affordable way. Refreshed user interface, operates with V-bottom plasticware (unlike the Auto-Pure 32A) supports single reagent cartridges for single sample isolation process.

devoice	Auto-Pure S32
principle mode	automated magnetic method
throughput	1-32 samples per isolation run (16 samples per plate)
process volume range	30 µl - 1000 µl
heating temperature	from ambient temperature to 120˚C
plastic consumables	8-tip comb, 96 deep well-plate, single test strip
program	preset programs allow purification a wide variety of sample types, possibility to create up to 500 programs
operation interface	7” touch screen, USB-mouse
port	2 Standard USB port
lighting	LED
sterilization	UV sterilization
size (WxDxH)	417 x 410 x 426mm
weight	20 kg

Auto-Pure 20B

Auto-Pure 20B offers high automated nucleic acid extraction up to 20 samples per run. The maximum sample processing volume can reach 5 ml. The single test strip mode is suitable for customers with a small number of samples, as it reduces the cost of a single test. It is suitable for routine sample extraction of blood, animal and plant tissues.

devoice	Auto-Pure 20B
principle mode	automated magnetic method
throughput	1-20 samples per isolation run
process volume range	50 µl - 5000 µl
heating temperature	from ambient temperature to 120˚C
plastic consumables	10-tip comb, 5 ml tube strip
program	preset programs allow purification a wide variety of sample types, possibility to create up to 500 programs
operation interface	7" touch screen, 3 shortcut keys, USB-mouse
port	2 Standard USB port
lighting	LED
sterilization	UV sterilization
size (WxDxH)	417 x 410 x 426mm
weight	20 kg

Auto-Pure 96

Auto-Pure 96 provides a high throughput system that processes up to 96 samples per run and reduces extraction time significantly compared to the manual method. It offers modular solution for high throughput sample processing laboratories.

devoice	Auto-Pure 96
principle mode	automated magnetic method
throughput	96 samples per isolation run
process volume range	50 µL - 1000 µL
heating temperature	from ambient temperature to 120˚C
plastic consumables	96-tip comb, 96 deep well-plate
program	preset programs allow purification a wide variety of sample types, possibility to create up to 100 programs
operation interface	7" touch screen, 3 shortcut keys, USB-mouse, USB-memory stick
port	2 Standard USB port
lighting	LED
sterilization	UV sterilization
size (WxDxH)	560 x 620 x 600 mm
weight	54 kg

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