

# Auto-Pure20A Nucleic Acid Purification System



Auto-Pure32A/Auto-Pure20A/Auto-Pure20B is a bench top device for DNA and RNA purification by using magnetic separation technology from different starting materials, such as blood, cultured cells or bacteria, tissues, cell-free body fluids and plant samples. The device is capable of using magnetic rods to transfer particles through the various purification phases of binding, mixing, washing and elution, offering a solution with minimized hands-on time. The DNA and RNA purification is of high quality and high molecular weight.

## Product Information

1. It is easy to use with 7-inch touch screen
2. Very simple operation (easy to install, operate, maintain) without computer
3. Very fast extraction protocol, 15~40 minutes / cycle depending on sample type and method
4. Universal built-in program for easy using
5. High purity and excellent yield of nucleic acid
6. UV lamp to avoid cross contamination
7. 3 shortcut key to make for easy running, stopping the magnetic beads program
8. Open system can optimize purification proposal according to various magnetic beads kits
9. Drawer design to prevent possible injuries

- 10. With special plastic consumables to avoid cross contamination
- 11. Improves workflow, and allows staff to perform other value-added tasks
- 12. Ensures impurities are removed; improved sample quality leads to better downstream analyses
- 13. Capable of extracting 1~20 samples or 1~32samples per run
- 14. Alarm for indicating the completion of purification
- 15. Pause function for emergent stop

### Technical Parameters

Type	Auto-Pure20A
Throughput	1~20
Process volume	50~3000ul
Collection efficiency	>95%
Magnetic rod number	20
Purification accuracy	100 copy sample positive rate>95%
Stability	CV<5%
Plate types	3ml tube strip
Heating for lysis tube	Ambient temperature~120°C
Heating for elution tube	Ambient temperature~120°C
Operation	7 inch color touch screen
Extraction steps	Lysis, Sample binding, Washing and elution

Storage Capacity	more than 100 programs
Protocol Management	Create, edit, delete, protocol mode
Pollution Control	UV light
Lighting	Yes
Extension interface	4 standard USB port, built-in SD card
Exhaust	Fan
Power Supply	450W
Dimensions	400×520×450mm
Weight	28Kg

## Accessories

Code	Description
AS-17040-00	Auto-Pure20A Nucleic Acid Purification System, AC120V/240V, 50/60Hz
AS-17041-01	Tube strips for Auto-Pure20A (Special design) – 3ml
AS-17041-02	Magnetic rod's tip for Auto-Pure20A / Auto-Pure20B