

## Auto-Pure10B/10BW/10BS/16ANucleic Acid Purification System

### Product introduction

Auto-Pure10B, Auto-Pure10BW, Auto-Pure10BS and Auto-Pure16A is a miniaturized magnetic bead method nucleic acid extraction and purification instrument, which is developed on the basis of Auto-pure20B and Auto-pure32A. Auto-pure10series can extract up to 10 samples at the same time, with a maximum sample volume of 5ml. Auto-pure10BS combined with dry bath heating function, small instruments in volume, it is an overwhelming choice for large sample extraction onsite; Auto-pure16A can accept 16 samples at most simultaneously, maximum sample volume is 1ml



### Auto-Pure10 series

#### Auto-Pure10B

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B

#### Auto-Pure10Bs (with dry bath)

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B Auto-Pure10BW (without heating for lysis and elution)

1. Purification of 10 samples in one run
2. Processing volume of 50-5000ul with 6.5ml-tube strips for Auto-Pure10B

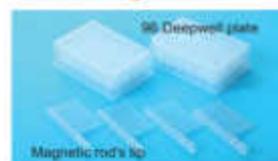
#### Auto-Pure16A

1. Purification of 16 samples in one run
2. Processing volume of 10-1000ul with 2.2ml Deep Well96 plate

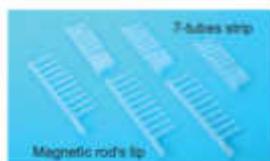
### Instrument features

1. 3.4 inch touch screen, easy to use.
2. Temperature and protocols can be edited and saved according to different reagent requirements.
3. Short operation time: 15~40min per run
4. High yield of nucleic acid with low magnetic bead loss and good repeatability of results.
5. UV disinfection, avoid cross contamination.
6. Open system which can apply to different magnetic bead extraction reagent.
7. APP software (Android system) which can monitor the system in real time through mobile device.
8. Using the PC software, user operate easily the machine.
9. Screw rod design which guarantee high operating accuracy; large guide rail design makes the structure more reliable.
10. With QR code identification function, special reagent can be recognized, no need to program or obtain protocols.
11. Small volume, suitable for extraction on site.

### Modular designs



Auto-Pure16A consumable



Auto-Pure10B/10BW/10BS consumable

**specification**

Type	Auto-Pure10B	Auto-Pure10BW	Auto-Pure10BS	Auto-Pure16A
Throughput	1~10	1~10	1~10	1~16
Process volume	50~5000ul	50~5000 μl	50~5000 μl	50~1000 μl
Collection off efficiency	>95%	>95%	>95%	>95%
Magnetic rod number	10	10	10	16
Plate types	5ml tube strip	5ml tube strip	5ml tube strip	96 Deepwell plate
Purification accuracy	100 copy sample positive rate>95%			
Stability	CV<5%			
Heating for lysis tube	Ambient temperature~120℃			
Heating for elution tube	Ambient temperature~120℃			
Operation	3.4 inch color touch screen			
Extraction steps	Lysis, binding, washing and elution			
Storage Capacity	more than 100 programs			
Software	APP software and PC software			
Pollution Control	UV light			
Lighting	Yes			
Extension interface	4 standard USB port, built in SDcard			
Exhaust	Fan			
Power Supply	300W	300W	300W	300W
Dimensions	340×350×410mm	340×350×410mm	340×350×410mm	340×350×410mm
Weight	18Kg	18Kg	18.5Kg	18Kg

**Ordering information**

No.	Code	Description	No.	Code	Description
01	AS-17110-00	Auto-Pure10B, AC120V/240V, 50/60Hz	05	AS-17031-01	96-Deepwell plate for Auto-Pure16A
02	AS-17120-00	Auto-Pure10BW, AC120V/240V, 50/60Hz	06	AS-17031-02	Magnetic rod'stip for Auto-Pure16A
03	AS-17130-00	Auto-Pure10BS, AC120V/240V, 50/60Hz	07	AS-17041-02	Magnetic rod'stip for Auto-Pure10B/10BW/10BS
04	AS-17140-00	Auto-Pure16A, AC120V/240V, 50/60Hz	08	AS-17051-01	Tube strips for Auto-Pure10B/10BW/10BS