



AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM BNPS-202

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Nucleic Acid Extraction System is important tool in molecular biology. The instruments are is well suited for improving sample throughput and minimizing labor intensive manual tasks, like pipetting and dispensing. Systems typically also include functions such as shaking, temperature control, and PCR protocols.

Used in DNA and RNA Purification, Cultured Cells, Bacteria, Tissues, Cell-Free Body Fluids, Plant Samples, Blotting, PCR, Cloning, Medical Sciences.

Also known as Nucleic acid Extractor.

BNPS-202 AUTOMATIC NUCLEIC ACID EXTRACTION SYSTEM



Friendly user interface: Smart & Intelligent display

With 10.1 inch LCD touch screen, Windows operating system

Zero Aerosol Contamination High efficiency HEPA filter and Auto safety door protection function, safety door protection function, HEPA filter and UV lamp replacement HEPA filter and UV lamp replacement alarm functions

UV Sterilization Lamp

With manual or set automatic opening time UV lamp

sterilizing the operation area easily and effectively

Integrated Shaking & Heating Module Mix deep wells while heating, saving extraction time

SPECIFICATIONS

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| Model | BNPS-202 |
| Extraction Method | Magnetic Bead |
| Sample Capacity | 32 |
| Processing Volume | 20-1000 μ L |
| Extraction Time | 15min-60min |
| Magnetic Bead Recovery | \geq 98% |
| Extraction Difference Between Wells | $<$ 3% |
| Magnetic Rod Flux | 4500Gs |
| Temperature Range | Adjustable heating function, RT-100 $^{\circ}$ C |
| Oscillating Mixing | Vertical Mixing, low, medium,high three gears adjustable |
| Module Station | 2 |
| Protection Function | Star up self-checking,power off protection, high temperature alarm, over temperature protection, motor protection |
| Disinfection Method | 8W UV Lamp |
| Illuminating Lamp | 3.4 W LED Lamp |
| Operation Interface | 10.1 inch capacitive touch screen / Windows system |
| Barcode Scanning Function | Optional external barcode sanner |
| Project Storage | $>$ 1000 |
| Interface | 2 USB port, optional LAN port |
| Contamination Control | Class II HEPA filter can effectively filter the internal aerosol and prevent cross contamination |
| IAP Function | Firmware can be updated online at any time |
| External Size | 450x440x532 mm |
| Package Size | 538x538x750 mm |

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|-------------------|----------------------|
| Gross Weight (kg) | 37 kg |
| Power Supply | AC100-240V 50Hz/60Hz |



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