

# PURIFIER 96 PRO

## Fully Automated Nucleic Acid Extractor

■ Supports automated integration compatible with high-throughput and large-capacity systems



**high-flux**



**Unique design**

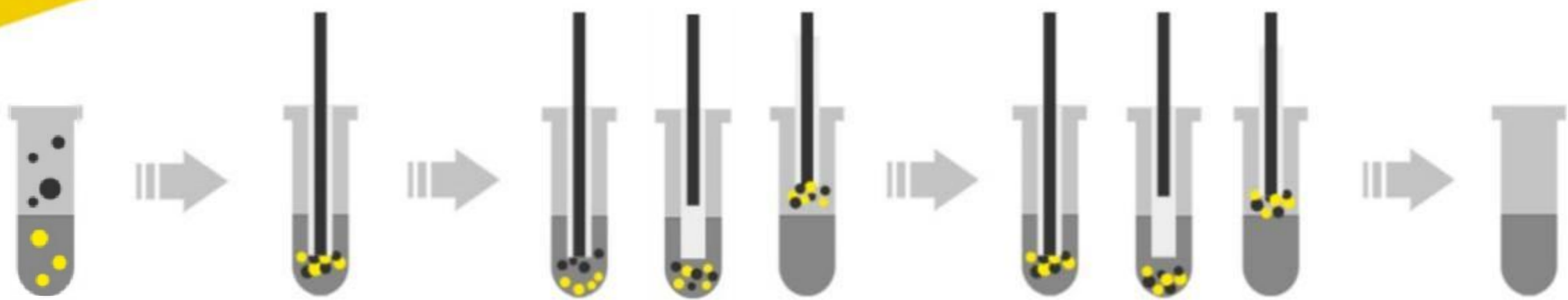


**All board  
positions can  
be heated.**

**Supports Automated Integration**

The PURIFIER 96 PRO fully automated nucleic acid extraction system is specifically designed for high-throughput nucleic acid extraction requirements. Utilizing magnetic bead separation technology combined with corresponding nucleic acid extraction reagents, it enables the extraction of high-quality nucleic acids from samples such as swabs, serum, plasma, whole blood, and animal/plant tissues. It is widely applied in fields including tumor genetic testing, scientific research, and pharmaceutical development.

The instrument is equipped with an external RS232 serial port for communication with peripheral devices, such as computers, which can control the instrument's operation via external commands. It is currently the only fully automated nucleic acid extraction system in China that meets the requirements for integrated automation.



**① splitting decomposition**

In the pyrolysis buffer, nucleic acids interact with the magnetic beads on the surface of the buffer. Cell rupture, binding of specific substances coated with nucleic acids, and removal of protein or salt impurities extraction  
Release into buffer solution

**② adsorb**

**③ potch**

**④ elution**

**⑤ retrieve**

Rinse the magnetic bead surface again.

Remain in the elution buffer

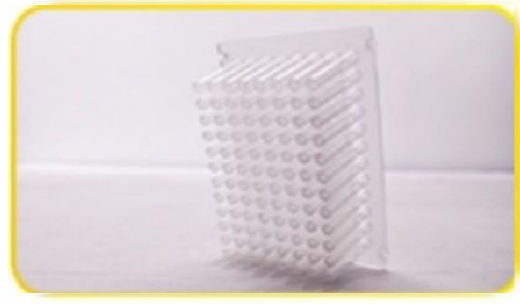
Wash off the nucleic acids from the

Magnetic beads, nucleic acid solution

**Supporting co-consumables**



**96-well conical-bottom deep well plate (2.2 ml) Catalog number: P96-B001**



**P96 Magnetic Rod Sleeve Table of Contents Number: P96-B002**



**96-well conical-bottom deep well plate (1.2ml) Catalog number: P96-B003**



**P96 Pro dedicated magnetic rod Catalog number: P96-A012**

**Technical Parameter**

Product model	Purifier 96 Pro	Network Communication	Scalable Ethernet remote control
Sample flux	96	External interface	RS232
Processing volume	20 μ l--1000 μ l	Weight	44kg [±0.5kg]
Temperature control range	10--99°C	Product exterior dimensions	(840×685×420) mm ±10 mm/transparent cover
Magnetic bead recovery rate	≥95%	Pollution control	11-level HEPA filter; built-in UV disinfection lamp
Oscillatory mixing	Multi-mode and multi-level adjustable, with amplitude adjustable according to liquid volume	Experimental storage	Store> 500 program sets
Source	100--240Vac, 50/60Hz	Operating temperature range	5°C--40°C
Power-off protection	Have	Operating humidity range	Below 80%
Control chip	SMT32	Reagent Usage	Open to all platforms, compatible with all imported and domestic magnetic bead reagents