



# GENE PURE PRO

## Nucleic Acid Purification System



LABORATORY



## Description

*Gene Pure Pro is a new generation of automatic nucleic acid purification system with cutting-edge technology and family-style appearance.*

*It adopts MB separation technology and uses 96 well deep well plate as test carrier to realize automatic high-throughput and high-purity extraction and purification of DNA/RNA.*

*It can deal with various samples including blood, tissue, and various cells.*

*This system is with simple operation and complete function, and can be customized for hardware and software function based on the detailed requirement of the reagent used by user to meet the demand of high purity and refined nucleic acid purification.*

*High purity: with newly development magnetic rods and dynamically adjustable amplitude technology, it can deal with various small magnetic beads, and extract with no residue and attachment.*

*Intelligence: unique control cabin panel UI design displays all parameters at one time, the operation is easy and can be quickly mastered.*

*Open platform: it provides various prefilled kits to meet the demand of nucleic acid extraction from different samples, which can be widely applied in fields including disease control center, food and drug supervision, legal medicine, inspection and quarantine, and clinical diagnosis.*

*High safety: it is fully automatic operation, and use disposable strip tips and UV sterilizing lamp to avoid aerosol pollution among different batches.*

## Technical parameters

*Processing volume: 20-1000 $\mu$ l*

*Sample capacity: 1-32*

*Recycle efficiency:  $\geq$ 98%*

*Uniformity: CV<3%*

*Heating temp. control range: Lysis: RT+5/-125 Elution: RT+5/-125*

*Mixing: Adjustable with multiple modes & gears*

*Kits species: Kits with magnetic beads*

Consumables	96 deep well plate + 8 strip tips
Environment temp. range	10-40°C
Environment humidity range	10%-90%
Mixing	Adjustable with multiple modes & gears
Sterilization method	UV lamp
Operation interface	8-inch build-in touch screen
Reagent kits	Magnetic beads kits
Code scanning	Optional
Ports	USB / Bluetooth
Power supply	AC100-240V, 50-60Hz, 600W
Dimension	430mm×395mm×435mm
Net weight	32.5kg



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