

 **10 min**
32 Samples

Smart32 Plus

Nucleic Acid Extraction Instrument

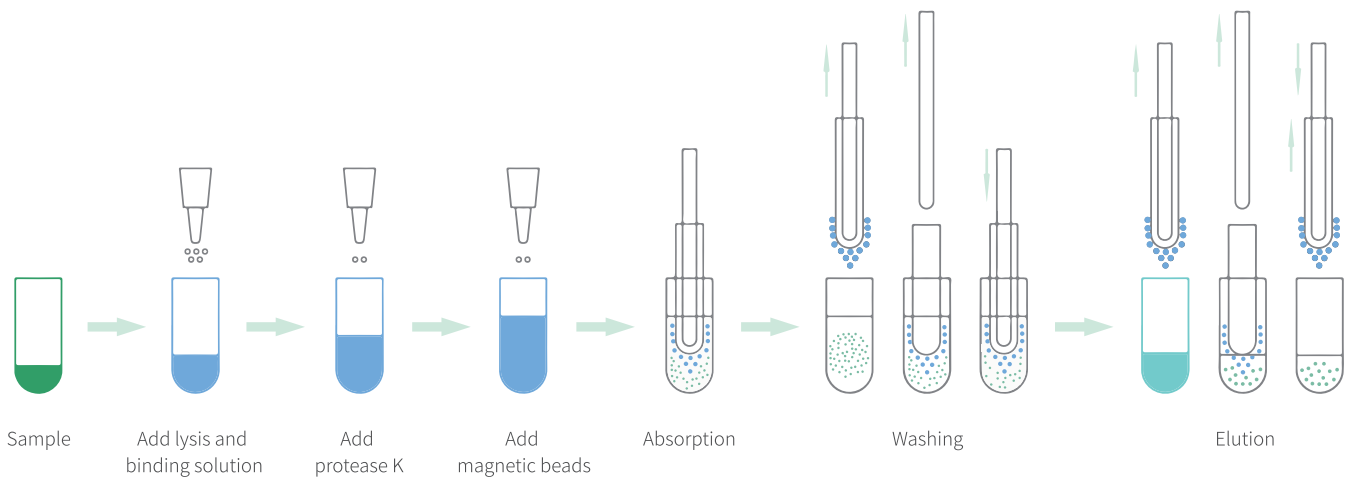
NMPA

Smart32 Plus

Smart32 Plus is a nucleic acid extraction instrument adopting magnetic bead technology. Together with Daan rapid extraction kit, it can extract and purify 32 samples in 10 minutes. The user can edit experiment procedure, monitor experiment conditions, open or close the ultraviolet light disinfection functions through the touch screen.

Principle

Magnetic bead is a simple and reliable method of purifying nucleic acid. Under optimized conditions, nucleic acid selectively binds to the surface of magnetic beads, while other contaminants stay in solution. After washing and elution, purified nucleic acid can then be used directly in molecular biology applications.



One-stop Solution



Features



Fast

32 samples can be extracted in 10 minutes.



Flexible

Compatible with multiple series of magnetic beads extraction kit.



Stable

More than 1900 instruments have been installed. Reliable performance.



Safe

Anti cross-contamination design: UV light, high-precision motion control and disposable consumables.

Nucleic acid extraction kit



Touch screen

Edit program and monitor experiment process.

Magnetic rod

Reagent and consumable

Pre-packaged 96-well plate, minimizing manual operation.

Temperature control module

Double-well lysis extraction, greatly improving the extraction rate.

Compatible Reagents

Cat. No.	Product Name	Specification (Test/kit)	Processing time	Application
DA0602	Nucleic Acid Extraction kit	Pre-packaged, 32	10 min	COVID-19
DA1002	Nucleic Acid Extraction kit	Pre-packaged, 32	12 min	COVID-19
DA0623	Nucleic Acid Isolation or Purification Reagent	Pre-packaged, 32	10 min	COVID-19
			38 min	HIV, HPV, HBV, HCV, etc.

Parameters

Throughput	1-32 samples
Reaction volume	30-1000 μ L
Extraction plate	2 units of 96-deep-well plate
Temperature range	30-99°C
Instrument connector	USB, RS232, etc.
Operation humidity range	\leq 80%
Magnetic beads recovery rate	\geq 95%
Dimension (L×W×H)	435×340×450 mm
Net weight (kg)	29
Certificates	NMPA



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