



Natch CS2 Fully Automated Nucleic Acid Extraction System

NMPA and US FDA approved, CE marked



Hands Free



Innovative Workflow

EXTREMELY SIMPLE WORKFLOW

1. Upload sample and reagent

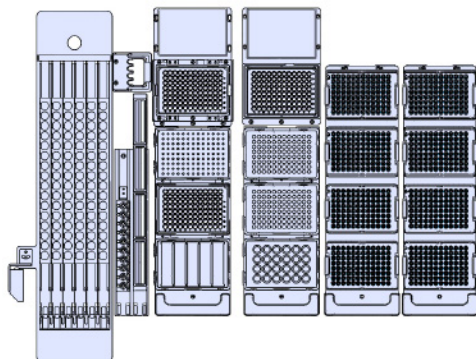
2. Select Program

3. Detect and analyze



FEATURES

I EFFICIENT ANTI-CONTAMINATION



Well-organized countertop layout
Sample area is separated from clean area
Effective UV decontamination
Anti-contamination function of moving path

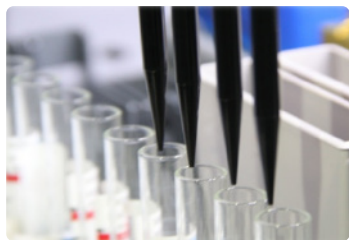
II SUPER MAGNETIC, EFFECTIVE ADSORPTION



Super 3-D magnetic adhesion technology
Permanent magnetic mode
117 magnetic racks, 4 magnetic bars in each well



III EXCELLENT SAMPLE ADDITION FUNCTION



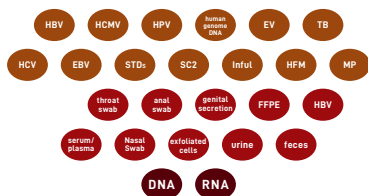
- Automatic liquid level detection
- Clot detection
- Tip detection
- Air-prof detection

IV EASY-TO-USE SOFTWARE



- Preset programs, one-key selection
- Prompt the placement of reagents
- Display the status of reagents and consumables
- Real-time display of remaining time
- Show real-time experimental procedures
- Permits LIS compatibility

V SUPRall™ EXTRACTION REAGENT



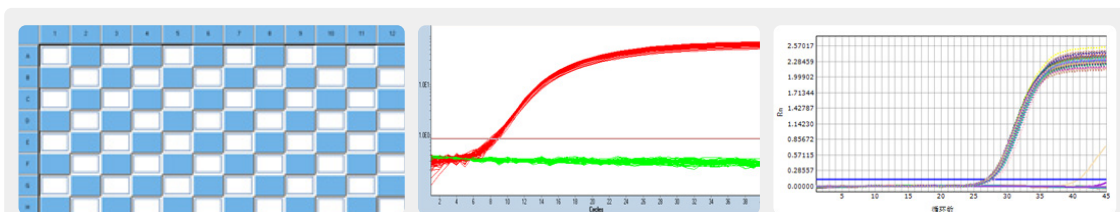
Different sample types, serum, plasma, nasopharyngeal swab, oropharyngeal swab, sputum, cervical exfoliated cells, genital secretions...

DNA/RNA can be extracted at the same time.

SUPRall™



VI EXCELLENT PRODUCT PERFORMANCE



Use Natch CS2 for "checkerboard experiment" (cross extraction of high-concentration samples and negative samples), no cross-contamination



SPECIFICATIONS

Instrument model	S-S13A
Sample type	Serum, plasma, whole blood, secretions, exfoliated cells, tissues, nasopharyngeal swab, oropharyngeal swab, urine, feces, etc.
Sample tube specifications	Compatible with various original sample tubes
Extraction Principle	one-tube fast release technology (OT) Advanced magnetic beads technology (MB)
Sample type Volume	OT: 1-96 tests/batch; MB: 1-96 tests/batch
Extraction Time	OT of 96 tests ≤ 30 minutes; MB of 96 tests ≤ 90 minutes
Pipetting range	10~1000 μL
Level detection	Pressure detection / capacitance detection, automatic detection of liquid level
Clot detection	Pressure detection, automatic detection of liquid aspiration and liquid clogging
Sample loading function	Automatic liquid level detection Clot detection Tips detection Air-prof detection
Magnetic field control	Permanent magnet mode Patented design Super 3-D magnetic adhesion technology
Blending mode	Vortex omnidirectional liquid mixing
Temperature control range	Adjustable from room temperature to 100 °C
UV disinfection	Timed opening and closing
Barcode Scanning	Sample scanning system Supported multiple barcodes
Language	Simplified Chinese / English
Display Method	10.4 inches touch screen
Communication Interface	USB, RS232, network ports, HDMI
Dimensions and Weight	1320×850×1600mm (LxWxH), weight: 350Kg
Power supply	Input: AC 100-240V 50/60Hz 350 VA



EXTRACTION KIT COMPONENTS

No.	Product Name	Spec.
S1013E	Sample Release Reagent	48T/kit
S1014E	Sample Release Reagent	24T/Kit, 48T/kit
S1002E	Nucleic Acid (DNA/RNA) Extraction or Purification Kit (Magnetic beads method)	24T/kit
S1006E	Multi-type Sample DNA/RNA Extraction-Purification Kit (Magnetic beads method)	48T/kit
S10016E	Nucleic Acid Extraction-Purification Kit (Magnetic beads method)	48T/kit

AVAILABLE PROJECT

Hepatitis and AIDS : HBV, HCV, HIV

Sexually Transmitted Diseases : CT, NG, UU, HSV-2, HSV I/2

Women's Health : hrHPV and hrHPV genotyping

Respiratory Tract Disease : 6RP, TB, MP, RSV, ADV, BP

Gastrointestinal Diseases : HFMD

Prenatal and Postnatal care : CMV, EBV

Public Health : SARS-CoV-2, Influenza A/B, HINI, H7N9

Customerized Projects



INNOVATING DIAGNOSTICS FOR ALL

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