

Higher throughput, Much faster - All-in-One CPA System



POCT Multi-Modules Nucleic Acid Amplification and Detection Analyzer

Molecular Testing, Anywhere!

SunsMedic Presents

POCT Fast is Faster

Nucleic Acid Amplification and Detection Analyzer

The product is based on three-stage magnetic conductivity extraction technology and Cross Priming Amplification Tehchnology (CPA). It is used together with the matching test kit for in-vitro diagnosis of pathogen nucleic acid sequences in human, animal and plant samples etc.



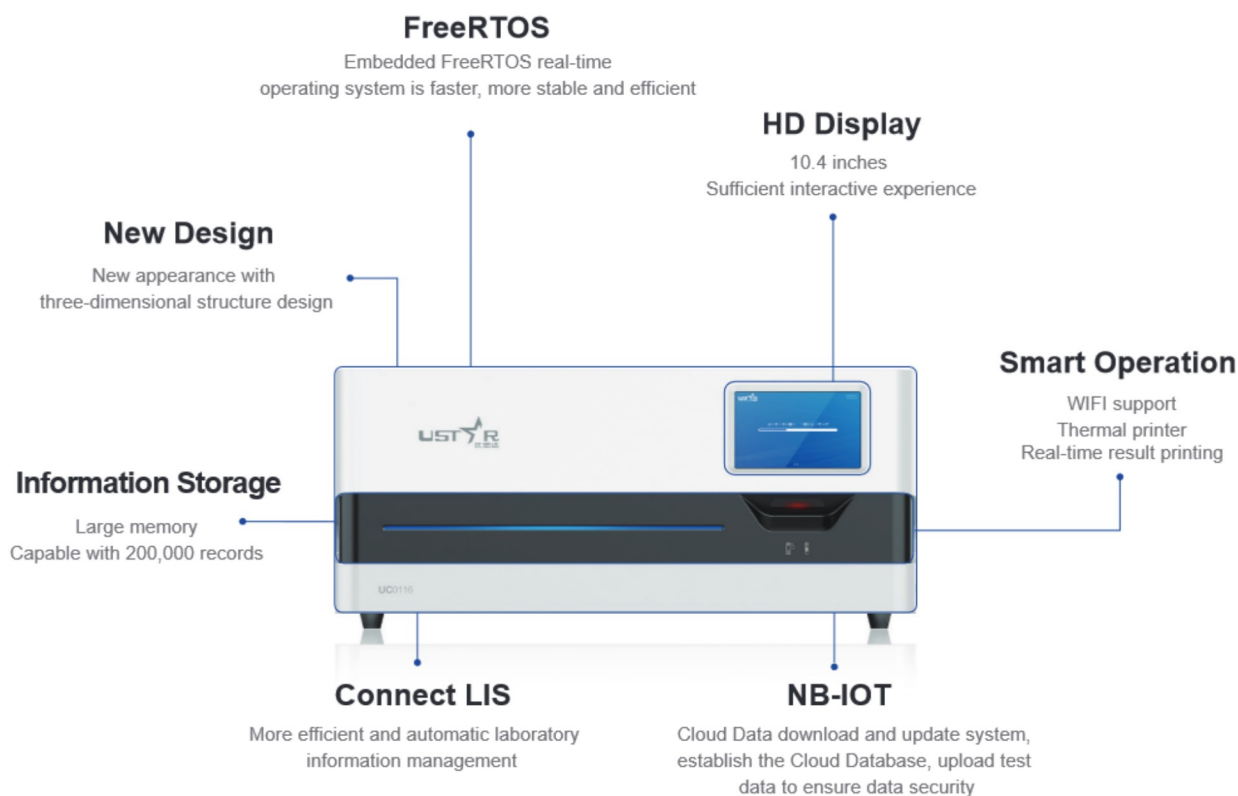
4-Modules



8-Modules

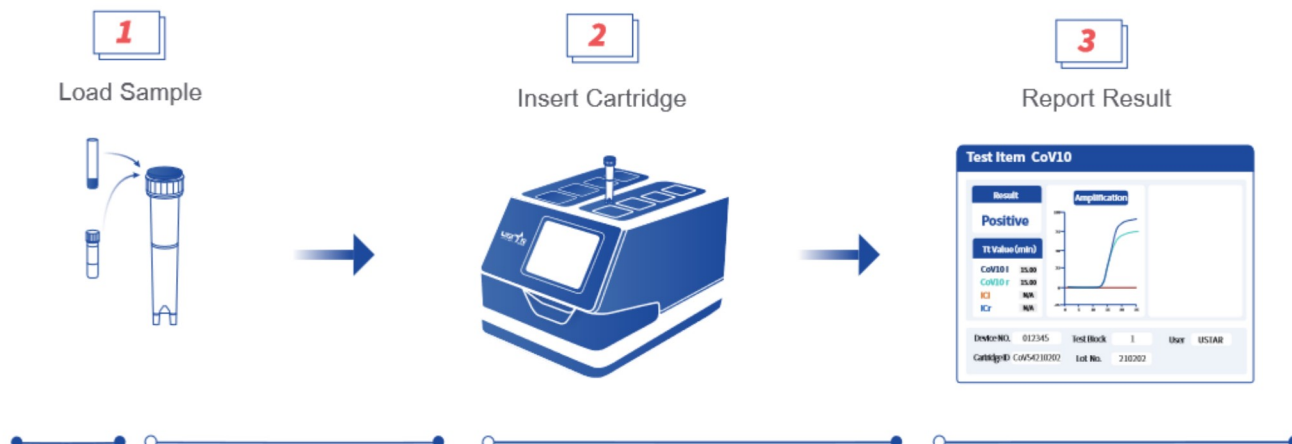


16-Modules

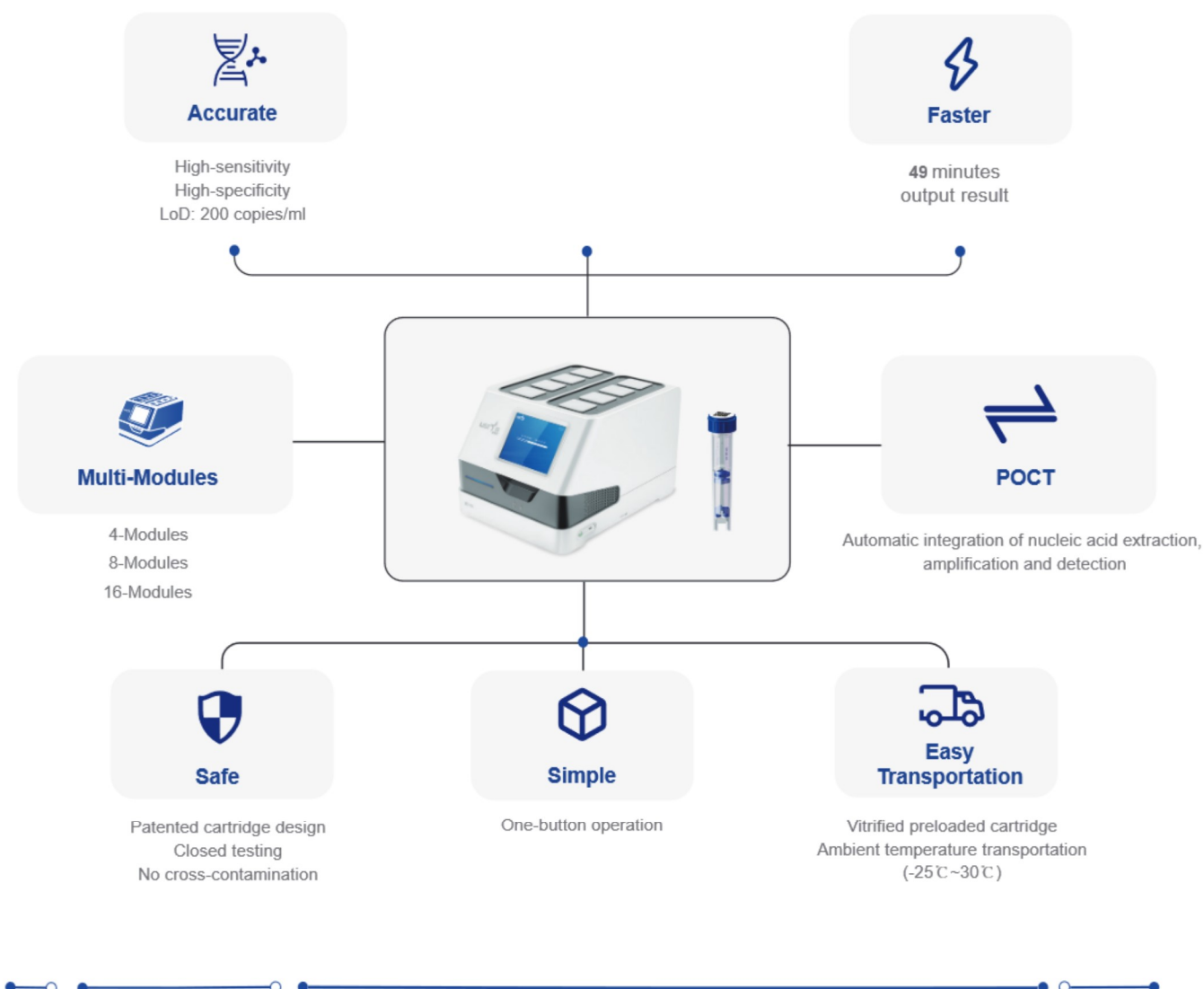


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Testing Procedure



Product Advantages



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Application Scenarios



Technical Parameters



Specification	Parameter
Model	UC0104, UC0108, UC0116
Screen	10.4 inches
Temperature Range	40~95℃
Melting Rate	0.1~1℃/s
Heating Rate	Upper ≥ 0.8℃/s Lower ≥ 0.5℃/s
Temperature Accuracy	≤ 0.5℃
Control Accuracy	≤ 0.5℃
Excitation Wavelength	CH1: 470nm, CH2: 628nm
Detection Wavelength	CH1: 525nm, CH2: 692nm
Repeatability of Fluorescence Intensity Detection	CV < 3%
Precision of Fluorescence Intensity Detection	CV < 5%
Fluorescence Detection Time	≤ 5s
Signal Interface	USB
Print Interface	USB, Thermal printer
Operation System	FreeRTOS
Network	NB-IOT
Information Management System	LIS
Storage	200,000 records

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