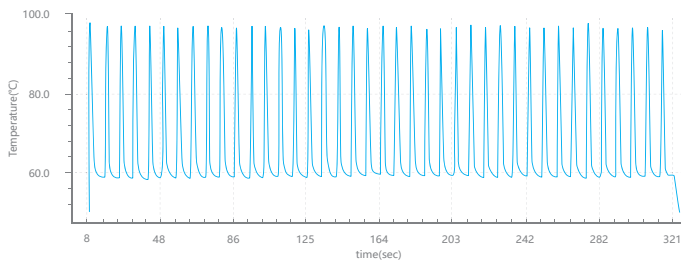




— 科技普惠大众 —





Complete the Experiment in 10 Minutes

With the high-speed heating and cooling module, 40 cycles of PCR can be completed in as fast as 8 minutes. Standard PCR test results can be quickly obtained without the need for long waiting times.

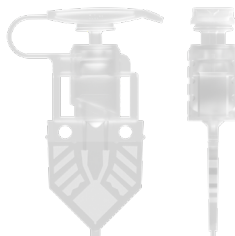
Portable and Pocket-sized Convenience

The size of a single unit is approximately 1/100 of traditional qPCR machines, making it compact, lightweight, and easily handheld. With the use of a portable power source, it can be carried to any location requiring testing, enabling testing to be conducted anytime, anywhere, without being limited by environmental factors.



Lyophilized Reagents for Instant Dissolution

All reagents are lyophilized within the consumables, dissolve within 1 second after sample addition, and do not require low-temperature storage or cold chain transportation. The consumables are convenient to carry around, can be used immediately, and will not be wasted.



Infectious Pathogen Detection

Respiratory pathogens (COVID-19, influenza, adenovirus, mycoplasma pneumoniae, and monkeypox)



Applications:

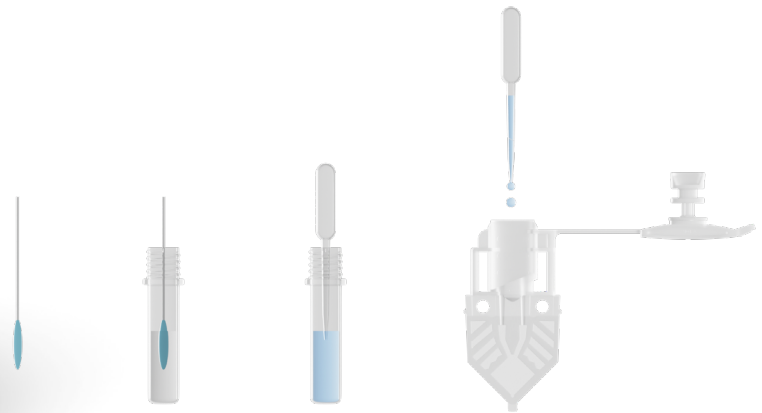
Agriculture

Authenticity testing of transformation bodies; Identification of transgenic components



Veterinary Hospital

Cats (Toxoplasma gondii, hookworm, heartworm, Babesia)
Dogs (canine distemper virus, canine influenza virus, Borrelia burgdorferi)



1-minute Operation

Complemented by sample lysis solution and a direct amplification reagent system, the preprocessing to machine stage can be completed in just 1 minute. No specialized tools are required, and even non-professionals can quickly learn to operate it.

1-16 Throughput Configurations

The 1-16 machines can be freely combined according to the testing needs to improve efficiency. For large-scale testing, multiple machines can be integrated to form a compact workstation, where 16 machines can test approximately 96 samples in an hour.



Technical Specifications

Instrument Model	Thunderbolt 9
Dimensions	185mm x 39mm x 105 mm
Weight	0.45kg
Power Supply	PD3.0 20V(DC) 3A
Throughput	1-16 machines controlled by one computer
Temperature Control	Heating/Cooling at 12.5°C/sec
Detection Channels	4 Channels: FAM/VIC/ROX/CY5
Light Source	Maintenance-free LED light source
Detector	High-sensitivity photodiode
Amplification Time	40 cycle PCR in 8 mins
Detection Sensitivity	200cp/ml
Software Function	Program setting, result viewing, multi-machine information dashboard, equipment status prompts
Operation System	Windows
Lyophilized Reagent	Stored at ambient; shelf life of 2 years
Direct Amplification	Nasopharyngeal swabs, plants (leaves/seeds), other swabs and so on

Predesign Assays

Packages

Influenza A and B Virus Test Kit	30Tests/Pack
Adenovirus Test Ki	30Tests/Pack
COVID-19 Virus Test Kit	30Tests/Pack
Varicella-Zoster Virus Test Kit	30Tests/Pack
Mycoplasma Pneumoniae Test Kit	30Tests/Pack
Streptococcus Pneumoniae Test Kit	30Tests/Pack
Haemophilus Influenzae Test Kit	30Tests/Pack
Staphylococcus Aureus Test Kit	30Tests/Pack
Pseudomonas Aeruginosa Test Kit	30Tests/Pack
Escherichia Coli Test Kit	30Tests/Pack
Klebsiella Pneumoniae Test Kit	30Tests/Pack
Respiratory Syncytial Virus Test Kit	30Tests/Pack
Transformation Authenticity Rapid Detection System (ND207, DBN9936, RuiFeng125 Triple)	30Tests/Pack
Transgenic Component Rapid Detection System (35S Promoter, NOS Terminator Dual)	30Tests/Pack

WeChat Official Account



+86 512-62809514

Sniper@sniper-tech.com

www.sniper-tech.com

Unit 301, Building A6, Biomedical Industrial Park, No. 218

Xinghu Street, Suzhou Industrial Park, China

