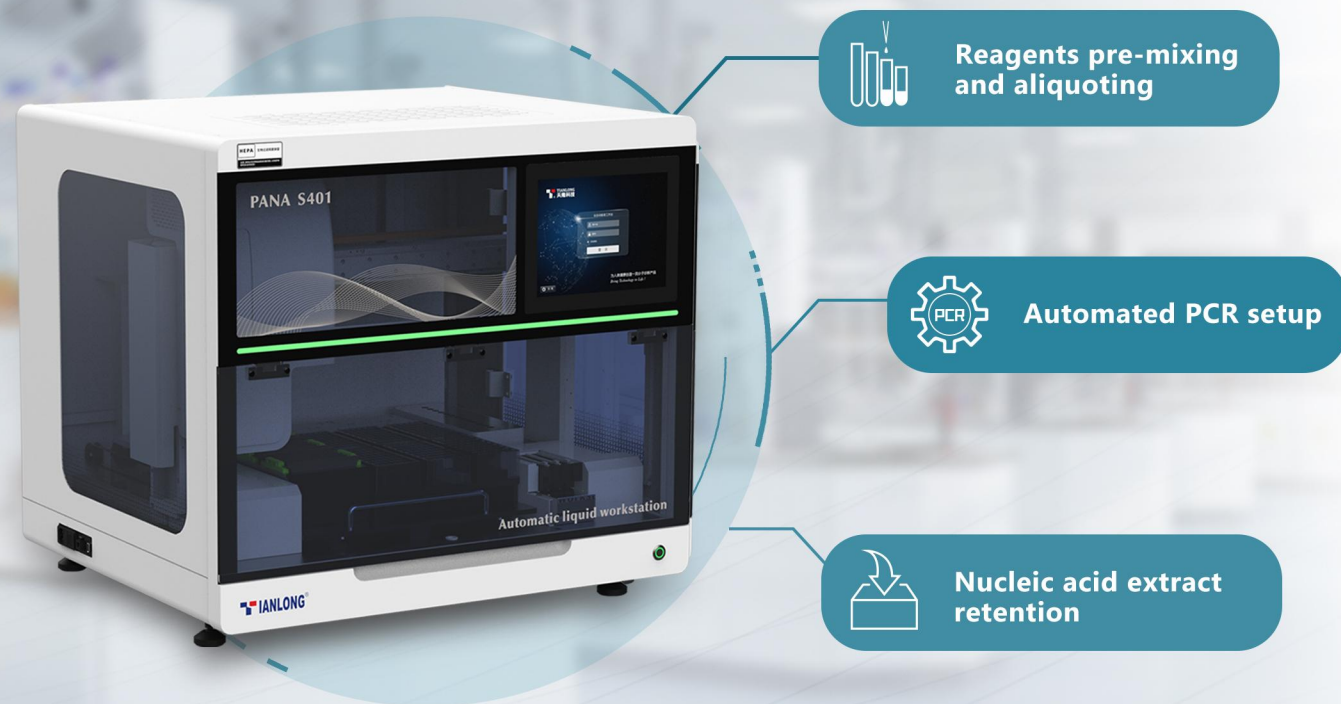


# PANA S401

## Automated Pipetting Workstation



Tianlong PANA S401 Automated Pipetting Workstation is designed as an important tool for PCR Setup, which automates tedious, error-prone manual tasks and provides consistent sample mixing and excellent pipetting performance to standardize your results. Tianlong PANA S401 Automated Pipetting Workstation together with the automated nucleic acid extractor and real-time PCR system, a fully automated, high-throughput, and standardized process of nucleic acid detection can be realized in your lab.

### Provide integrated PCR lab solution



### Features

- ❖ **Precise PCR Setup**  
Automated PCR setup, 4 loading channels, up to 768 samples per setup
- ❖ **Optimized efficiency and standardized procedures**  
Provide consistent sample mixing and excellent pipetting performance to standardize your results
- ❖ **Highly compatible with various PCR kits**  
Compatible with regular PCR tubes, PCR strip tubes and PCR plates (up to 384- well x 2)
- ❖ **Excellent anti-contamination measures**  
Minimized contamination measures like directional exhaust with HEPA filters, internal negative pressure system
- ❖ **User-friendly**  
Starting preparation programs with just one click, multiple setups for different tests in one run

### Specification

Model	PANA S401
Sample Loading Channels	4 loading channels
Throughput	96 samples; up to 768 samples per one go
Pipetting Volume	1-1000μL
Tip Volume	5-50μL; 50-1000μL
Performance	Below 15μL: accuracy: A≤2%, repeatability: CV≤3.0% 15μL-50μL: accuracy: A≤1.5%, repeatability: CV≤1.5% Above 50μL: accuracy: A≤1.0%, repeatability: CV≤1.2%
Liquid Level Detection	Pressure-sensing level detection; aspiration with the liquid level to ensure accuracy
Compatible Consumables	Compatible with 0.1mL/0.2mL 8-tube strips, 96-well PCR plates
Operating System	Windows 10 Pro Edition, bilingual interface in Chinese/English
Connectivity	USB port, RS232 port
Overall Size	860mm(L)x733mm(W)x746mm(H)
Instrument Weight	100kg (net)
Operating Environment	Temperature: 15°C-35°C; humidity: ≤70%
Power Supply	AC 220V; 50Hz

