

Bring Technology to Life



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 within 10 min
- ❖ **Optimized efficiency and standardized procedures**
Provide consistent sample mixing and excellent pipetting performance to standardize your results
- ❖ **Highly compatible with various PCR tubes**
Compatible with regular 8-tube strips and 96-well 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	5-1000μL
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	Capacitance & pressure sensing technology ensures the highly accurate pipetting
Compatible Consumables	Compatible with 0.1mL/0.2mL 8-tube strips, 96-well PCR plates
Language	Bilingual interface in Chinese/English
Connectivity	USB 2.0
Overall Size	735mm(W)*860mm(L)*800mm(H)
Instrument Weight	103kg
Operating Environment	Temperature: 15°C-35°C; Humidity: 35%-70%RH
Power Supply	AC100-240V; 50/60Hz; 600VA

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