

Bring *Technology* to *Life!*

# PANA S401/S201

## Automated Pipetting Workstation



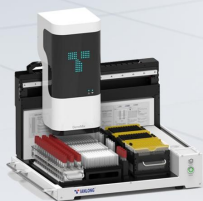
**Reagents pre-mixing and aliquoting**

**Automated PCR setup**

**Nucleic acid extract retention**

Tianlong PANA S401/S201 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/S201 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.

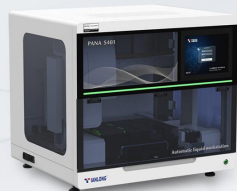
### Provide integrated PCR lab solution



GeneMix



GeneRotex 96



PANA S401/S201



Gentier 96E

### Features

- ❖ **Precise PCR Setup**  
Automated PCR setup, 2 and 4 channel options, 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   | PANA S201 <span style="background-color: #0070C0; color: white; padding: 2px;">coming soon</span> |
|-------------------------|---|---|
| Sample Loading Channels | 4 loading channels  | 2 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%<br>15µL-50µL: accuracy: A≤1.5%, repeatability: CV≤1.5%<br>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 and 384-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   |   |

version 2.0

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