

Semi automatic pipetting workstation

SC9100 SE



Product Features

As a cost-effective semi-automated pipetting system, it is extremely easy to use, by simplifying tedious and repetitive plate pipetting operations maximumly, increasing pipetting throughput, processing the entire plate simultaneously, improving homogeneity, and reducing overall lab time consumption.

Pipetting with one click

It can proceed 96-well pipetting at once and it takes only 4 times to complete 384-well pipetting. It's the best option of microplate pipetting.

Accuracy, multi-purpose

Choose from 2-3 plates to easily accommodate PCR plates, enzyme plates, cell culture plates, etc. High-throughput pipetting ensures accuracy and stability.

Intelligent Operating System

The navigation process is aligned with life scientist pipetting habits. It makes more visible and intuitive to understand every step and program setup.

Compact design, space-saving

The compact design makes it easier to be put into the biological safety cabinet or on the ultra-clean bench, to support your experiments on molecular biology, protein, cell biology, pharmacology, etc.

Application



Immune
Response



Biologic



Cellular
Experiment



Biospecimen
Library



Pharmacy



Environmental
Science



Toxicological
Analysis



Molecular
Breeding

Specification

Instrument		SC9100 SE Semi automatic pipetting workstation	
Plate	2-3 plates		
Channel	96 Channels		
Pipetting technique	Air displacement		
Compatible	Most standard consumables (SBS plates standard)		
Core index	Range	Accuracy	CV
	0.5 - 10 μ L	1 μ L \pm 8%; 10 μ L \pm 2%	1 μ L \leq 6%; 10 μ L \leq 1.5%
	3 - 50 μ L	5 μ L \pm 4%; 50 μ L \pm 1.5%	5 μ L \leq 5%; 50 μ L \leq 1%
	3 - 300 μ L	10 μ L \pm 4%; 200 μ L \pm 0.8%	10 μ L \leq 6%; 200 μ L \leq 0.5%
	10 - 1000 μ L	10 μ L \pm 6%; 500 μ L \pm 0.5%	10 μ L \leq 5%; 500 μ L \leq 0.4%
Power requirement	Input voltage: 100-240vac \pm 10%, frequency: 50/60hz \pm 5%; output: 24V		
Maximum power	180W		
Working environment	5-40° C, 10-90% relative humidity, non-condensing		
Weight	21kg		
Size	10、20、50、300 μ L: 300 \times 260 \times 520mm; 1000 μ L: 300 \times 260 \times 630mm		