

中析 SC9100

96/384 道半自动移液工作站

高通量半自动移液处理最佳解决方案
提供 20 μL 、200 μL 、1000 μL 三个量程

PRCXI SC9100 96/384 Channel Semi-Automated Pipetting System
Best solution for high-throughput Semi-Automated pipetting
Available in 20 μL 、200 μL 、1000 μL three ranges



半自动高通量移液解决方案 — 移液新选择

SC9100 是为提高实验室通量和能力而设计的，96/384 孔板自动化移液的解决方案，使孔板移液化繁为简，使之在更短的时间完成更多的工作，能够一步实现 96 孔板移液，并且可以更好的处理 384 孔板，从而显著提高样品处理的速度和重复性。

独特的设计理念让使用者犹如使用传统手持移液器一样，方便且经济实用。SC9100 应用广泛，如模板复制、细胞培养、分析及检测、96 孔板到 384 孔板之间的转移复制及重组、孔板清洗、稀释、基于孔板的生化类检测，PCR/qPCR 和蛋白结晶和 ELISA/EIA 细胞接种等。

- 更精准的液体处理，提高数据质量
- 更快速的工作流程，加速实验效率
- 更简洁的操作系统，提升用户体验
- 更灵活的实验助手，兼容更多应用
- 更紧凑的外观设计，适用更多场合
- 更科学的制造工艺，降低使用成本

SEMI-AUTOMATIC HIGH-THROUGHPUT PIPETTING SOLUTIONS — NEW PIPETTING OPTION

SC9100 is designed to improve the throughput and capability of the laboratory. The automatic pipetting solution of 96/384 Well Plate, can make pipetting easier and with a shorter time. It can achieve one-stop pipetting on 96 well plate, and can better handle 384 Well Plate and significantly improve sample handling speed and repeatability.

The unique design concept makes the user feel as convenient and economical as using with traditional handheld pipette. SC9100 is widely used for template duplication, cell culture, analysis and detection, transferring, duplicating and reorganizing between 96 well plate and 384 well plate, orifice cleaning, dilution, and biochemical detection based on orifice plates, PCR/qPCR, protein crystallization and ELISA/EIA cell vaccination, etc.

- MORE ACCURATE LIQUID HANDLING TO IMPROVE DATA QUALITY
- FASTER WORKFLOW FOR FASTER EXPERIMENTAL EFFICIENCY
- IMPROVED USER EXPERIENCE WITH A MORE STREAMLINED OPERATING SYSTEM
- MORE FLEXIBLE LAB ASSISTANTS, COMPATIBLE WITH MORE APPLICATIONS
- MORE COMPACT DESIGN TO BE USED IN DIFFERENT WORKING ENVIRONMENT
- MORE SCIENTIFIC MANUFACTURING PROCESSES TO REDUCE THE OPERATION COST

更精准的液体处理，提高数据质量

移液更精准，移液头的各通道经过独立以及多重密封设计，保证不会互相干扰，有效防止不均匀的移液或者样品泄漏。可靠的密封性及耐用性是高重复及无差错移液的关键，我们将移液误差降至最低。

由于采用先进的 PRCXI 装枪头系统，安装后枪头会牢牢地锁定在移液头上，无需外力辅助，一键而就，保证在使用过程中不会意外脱落，即使在实验中您用枪头靠壁亦是如此。

MORE ACCURATE LIQUID HANDLING TO IMPROVE DATA QUALITY

More accurate pipetting, independent pipette head channel and multi-seal design ensure no interfere with each other and prevent uneven pipetting or sample leakage. Reliable sealing and durability is key to high repetition and error-free pipetting, so it minimizes pipetting errors.

With advanced PRCX head installation system, the head will be firmly locked in the pipette head without external assistance. The head won't accidentally fall off, even when you use the gun and put head against the wall.



更快速的工作流程，加速实验效率

SC9100 由内而外，提升效率，它更快、更高效、更可靠，微孔板移液一挥而就，在一次性分 96 孔板时拥有无以伦比的速度，比传统电动移液器快近 8 倍，它是快速，精准的进行重复分液或者板转板的理想设备。

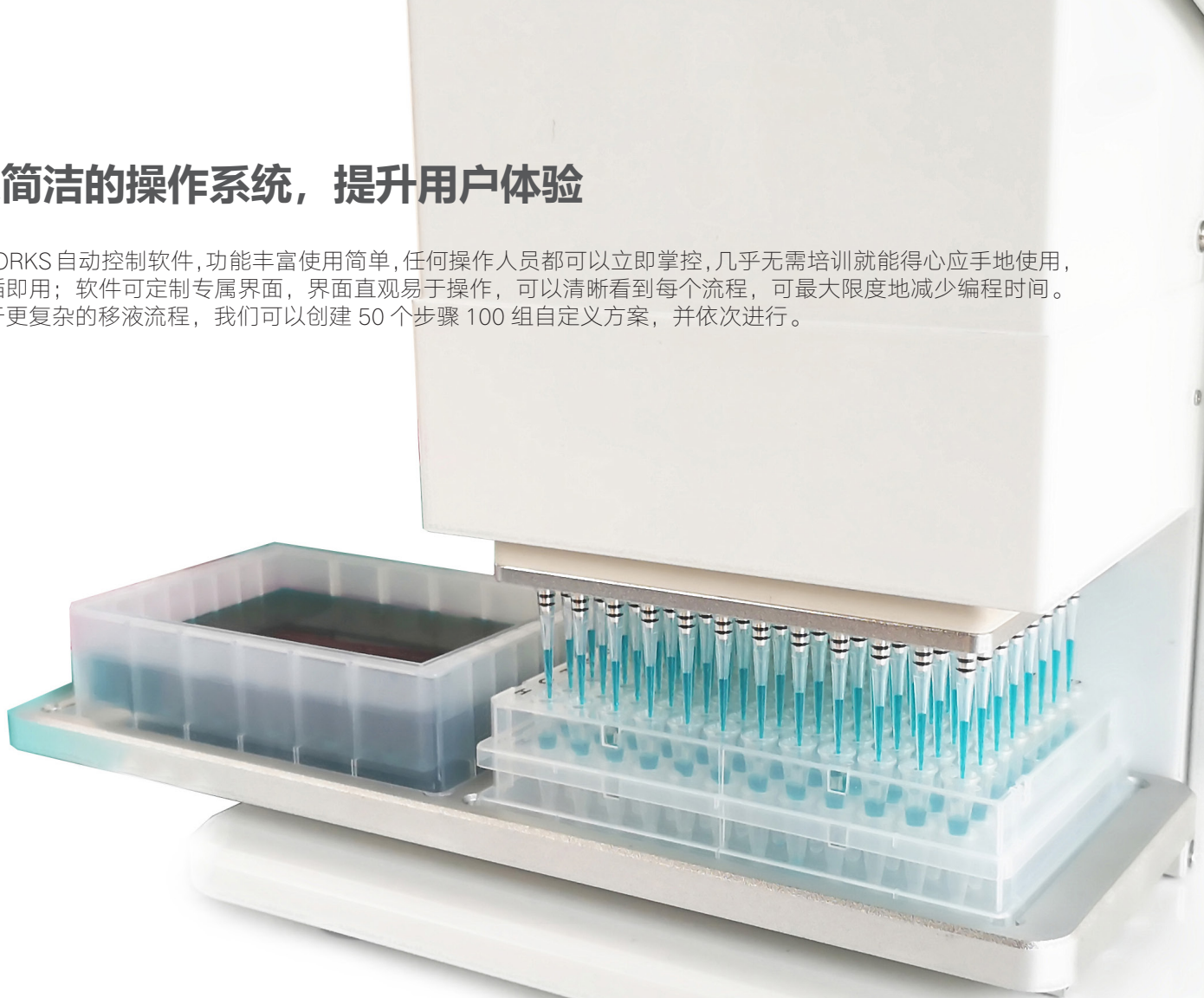
FASTER WORKFLOW FOR FASTER EXPERIMENTAL EFFICIENCY

It's easier and faster to improve microplate pipetting efficiency and reliability. Pipetting on 96 well plate is 8 times faster than traditional electric pipette. It is the ideal device for fast, accurate and repetitive pipetting or transfer plates.



更简洁的操作系统，提升用户体验

JWORKS 自动控制软件，功能丰富使用简单，任何操作人员都可以立即掌控，几乎无需培训就能得心应手地使用，即插即用；软件可定制专属界面，界面直观易于操作，可以清晰看到每个流程，可最大限度地减少编程时间。对于更复杂的移液流程，我们可以创建 50 个步骤 100 组自定义方案，并依次进行。



IMPROVED USER EXPERIENCE WITH A MORE STREAMLINED OPERATING SYSTEM

JWORKS automatic control software has lots of features but easy to use. Any operator can immediately master it by plug-and-plan almost without any training. It has customized and intuitive interface, easy to operate. You can clearly observe each process and minimize programming time. For more complex pipetting processes, we can create 50 steps with 100 groups of customized solution and it can automatically proceed them accordingly.



更灵活的实验助手，兼容更多应用

更广泛的实验及实验室用品兼容性，更灵活的量程范围，根据不同应用所需的不同量程范围，只需要不到一分钟，就可以非常容易地更换。

可在 0.1-1000ul 量程范围内进行精准移液，具有更广泛的选择空间、操作使用极为简便，设计极富人性化，是高通量液体处理的最佳选择。

MORE FLEXIBLE LAB ASSISTANTS, COMPATIBLE WITH MORE APPLICATIONS

It provides wider lab and laboratory supplies compatibility, and more flexible pipetting ranges. It can be easily replaced within less than one minute according to different ranges required by different applications. It can achieve precise pipetting among the range of 0.1-1000ul, easy operation, very user-friendly design. It's really the best choice of high-throughput liquid pipetting.



更紧凑的外观设计，适用更多场合

独特的设计理念，紧凑外形设计，使得 SC9100 可在实验室工作台上仅占很小的空间，可在层流净化罩下运行而不影响正常气流，以允许用户在无菌条件下工作，托盘可堆放 8 块微孔板，最大程度利用空间。

MORE COMPACT DESIGN TO BE USED IN DIFFERENT WORKING ENVIRONMENT

The unique design concept and compact design make SC9100 only occupy a small space on the lab bench, under a laminar cleansing hood without affecting normal airflow so as to allow the user to work under sterile conditions. One pallet can host 8 block microplates to optimize space usage.

更科学的制造工艺，降低使用成本

为了确保精准分液，不会干扰您的结果，使实验成功，我们要求耗材的高纯度且具有绝对惰性。在全自动万级净化车间，采用 100% 聚丙烯原材料，我们未使用任何添加剂，并且消除了所有外部污染源。所以我们建议使用中析的耗材。同时 SC9100 完美的适配绝大多数耗材，使用 SC9100 的同时可以不必更换原先使用的耗材。

为了确保精准分液，中析不断探索生产工艺，不断优化生产方式，使得实验人员使用成本不断降低，才使得 SC9100 能够力争成为性价比最高的高通量半自动移液系统；同时中析依仗过硬的产品质量，金牌售后制度，即提供三年质保服务，让您使用的更安心。

MORE SCIENTIFIC MANUFACTURING PROCESSES TO REDUCE THE OPERATION COST

To ensure precise separation without interfering with your results and making the experiment successful, we require the high purity and absolute inertia of the consumables. With 100% polypropylene raw materials, we did not use any additives and eliminated all external sources of contamination in the fully automated purification plant. So we recommend using PRCXI consumables. At the same time SC9100 is perfect suitable for the majority of consumables. Using SC9100 do not need to replace the original consumables.

In order to ensure the accurate separation of liquid, ZhongXi is continuously exploring production technology, and constantly improve product cost-effectiveness. So laboratory operation cost can be continuously reduced. With PRCXI' s solid product quality and gold post-sale service system with three-year warranty service, you can use it more convenient.

技术规格 Technical Specifications

描述 Description	技术规格 Technical Specifications
量程 Range	20 μ L、200 μ L、1000 μ L
工作位置 Working position	两个、三个、四个 Two/Three/Four
产品尺寸 Product size	240 x 290 x 420 mm (L x W x H) 占地不足 0.07m ² Occupy less than 0.07m ²
重量 Weight	17kg
兼容样式 Compatible styles	96 孔与 384 孔板 96 well and 384 well
移液技术 Pipetting Technology	空气置换式 Air displacement type
电源要求 Power	220-240V
控制器 Monitor	自带 LCD 彩色 7 寸触摸屏、由 JWorks 自动控制软件操控 Equipped with LCD color 7-inch touch screen, controlled by JWorks automatic control software
准确性 Accuracy	
高量程 High range	1000 μ L: \leq 1.0 % (10 μ L)
高量程 High range	500 μ L: \leq 1.0 % (5 μ L)
中量程 Middle range	200 μ L: \leq 0.6% (1.2 μ L)
中量程 Middle range	100 μ L: \leq 0.8 % (0.8 μ L)
低量程 Low range	20 μ L: \pm 1.0 % (0.2 μ L)
低量程 Low range	10 μ L: \pm 1.2 % (0.12 μ L)
低量程 Low range	2 μ L: \leq 6.0 % (0.12 μ L)
低量程 Low range	1 μ L: \pm 12.0% (0.12 μ L)
重复性 Repeatability of	
高量程 High range	1000 μ L: \leq 0.4 % (4 μ L)
高量程 High range	500 μ L: \leq 0.4 % (2 μ L)
中量程 Middle range	200 μ L: \leq 0.3% (0.6 μ L)
中量程 Middle range	100 μ L: \leq 0.6 % (0.6 μ L)
低量程 Low range	20 μ L: \leq 0.8 % (0.16 μ L)
低量程 Low range	10 μ L: \leq 1.0 % (0.1 μ L)
低量程 Low range	2 μ L: \leq 5.0 % (0.1 μ L)
低量程 Low range	1 μ L: \leq 10.0% (0.1 μ L)

部分订货信息 Ordering information

品名	货号	Name	Order No
96 道半自动台式移液系统	9126001	96-Channel Semi-Automated Pipetting System	9126001
管嘴盒适配器 专用款 (20 μ L)	9201603	Nozzle Box Adapter Special (20ML)	9208603
管嘴盒适配器 专用款 (200 μ L)	9201607	Nozzle Box Adapter Special (200 μ l)	9208607
管嘴盒适配器 专用款 (1000 μ L)	9208609	Nozzle Box Adapter Special (1000 μ l)	9208609
384 孔板适配器	9205712	384-Well Plate adaptor	9205712
袋装通用款吸头 (20 μ L)	9511102	Bag General Purpose suction Head (20 μ l)	9511102
盒装通用款吸头 (20 μ L)	9511202	Boxed General Purpose Suction Head (20 μ l)	9511202
袋装通用款吸头 (200 μ L)	9512102	Bag General Purpose suction Head (200 μ l)	9512102
盒装通用款吸头 (200 μ L)	9512202	Boxed General Purpose Suction Head (200 μ l)	9512202
储液槽	9570201	Liquid storage Tank	9570201
一年服务计划	9901111	One year service plan	9901111
二年服务计划	9901121	Two Year service plan	9901121
三年服务计划	9901131	Three year service plan	9901131

中析

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中析对于产品的优化升级始终锲而不舍，
如产品参数发生变化，可通过官网了解最新信息。



售前服务号



微信公众号