

Dual Arm Cobot

双臂协作机器人

DSCR系列双臂协作机器人具有高灵活性、安全性、快速配置等特点，具备实时深度信息和三维重构功能。能够为用户提供快速、安全、灵活、精准、高效的旋拧、定位等全套装配作业解决方案，更加集成化、柔性化，并可以为用户提供更加自由、开放的开发环境。

DSCR series Dual Arm Cobot is featured with high flexibility, extreme safety, rapid deployment. It provides an overall solution for assembling by fast, safe, agile, accurate, and highly efficient positioning and operation, which also provides a better develop environment with more freedom and possibility for users.

产品特性 | PRODUCT FEATURES



集成2个机器人,双臂可协同作业, 更智能

More intelligent: Two integrated robots can work collaboratively.



碰撞检测功能, 人机协同作业, 更安全

Safer: Collision Detection Function enables HRC.



拖拽示教式编程, 降低使用门槛, 易操控

Easier-to-use: With Traction Teach Programming, the robot can be used by anyone without technical skills.



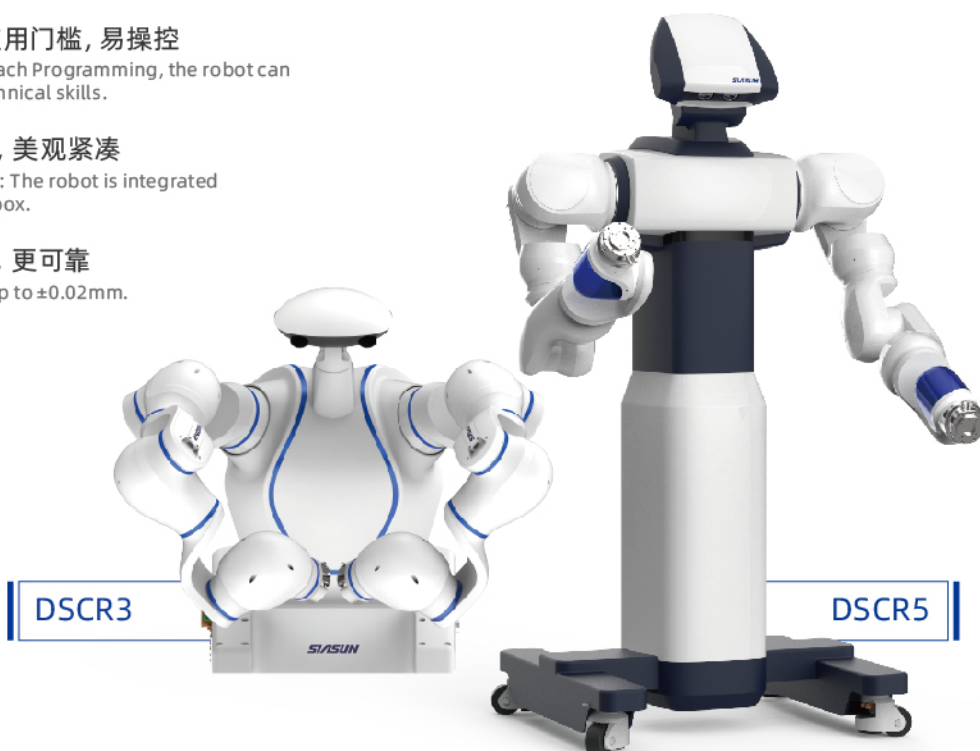
一体化设计, 内置控制柜, 美观紧凑

Attractive and Compact Design: The robot is integrated designed with built-in control box.



重复定位精度 $\pm 0.02\text{mm}$, 更可靠

More Accurate: Repeatability up to $\pm 0.02\text{mm}$.



技术参数 | TECHNICAL PARAMETERS



DSCR3



DSCR5

最大负载 Max Payload	6kg (3kg x 2)	10kg (5kg x 2)
自由度 Degrees of Freedom	单臂7 x 2, 头部2, 头部选配 Each arm 7 x 2, Head 2, Head is optional	单臂7 x 2, 头部2, 头部选配 Each arm 7 x 2, Head 2, Head is optional
末端最大直线速度 Max Straight-line Speed	1.0m/s	1.0m/s
有效工作半径 Reach	600mm x 2	800mm x 2
重复定位精度 Repeatability	±0.02mm	±0.02mm
工具接口 Tool Interface	GB/T 14468.1-50-4-M6 (eqv ISO 9409-1)	GB/T 14468.1-50-4-M6 (eqv ISO 9409-1)
单臂末端I/O Tool I/O of Each Arm	2 Dig I/O, 24V, 1A	2 Dig I/O, 24V, 1A
电源 Power Supply	230VAC(-15%~+10%), 50-60Hz	230VAC(-15%~+10%), 50-60Hz
功耗 Power Consumption	典型工况约 500W Typical Power Consumption 500W	典型工况约 800W Typical Power Consumption 800W
单臂外形尺寸 Each Arm Robot Dimensions	1035mm x 232mm x 202 mm	1285mm x 220mm x 240 mm
控制系统 Control System	集成在机器人内部 Built-in Control System	集成在机器人内部 Built-in Control System
安装方式 Installation	桌面安装 Desktop installation	可移动式 Moveable
环境温度 Ambient Temperature Range	0°C - 45°C	0°C - 45°C
存储温度 Storage Temperature Range	-40°C ~55°C	-40°C - 55°C
IP等级 IP Class	IP30	IP30
噪声 Noise	≤ 75dB(A)	≤ 75dB(A)
包装信息 Package Information	尺寸Size:1000mm x 900mm x 900mm(L x W x H) 净重/毛重 Net/Gross Weight:70kg/100kg	尺寸Size:1000mm x 800mm x 1750mm(L x W x H) 净重/毛重 Net/Gross Weight:200kg/250kg

公司简介 | COMPANY INFORMATION

中科新松有限公司是新松机器人集团（股票代码:300024，机器人）在上海设立的国际总部，是新松集团“2+N+M”战略布局中两大总部机构之一。公司业务涵盖智能机器人、智能制造、创新孵化三大板块，为客户提供全方位的业务服务。

SIASUN CO., LTD. is the international headquarter of SIASUN Robot & Automation CO., LTD. (Stock Code: 300024, Robots) in Shanghai, one of the two headquarters according to its strategic layout "2+N+M". Main business includes intelligent robots, intelligent manufacturing, and industry incubating, aiming to provide customers with all aspects of service.

公司运营总部位于上海自贸区金桥开发片区，主要开展新型智能机器人的研发、区域及海外营销及配套服务。智能机器人产品主要包括：单臂协作机器人、双臂协作机器人、轻载复合机器人、乒乓球机器人等，涵盖工业、军用、民用等多个方向。同时，可按照行业客户需求开发定制特殊用途的机器人产品。

SIASUN CO., LTD. is located in JinQiao Development zone in China (Shanghai) Pilot Free Trade Zone, covering R&D, regional and overseas sales and service of new generation of intelligent robots. These intelligent robots can be applied in industry, military, civil and many other areas, including Cobots, Dual Arm Cobot, Hybrid Cobot, Ping-Pong Robot, etc. SIASUN CO., LTD. can also develop robots according to customer's demand.



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