

SIASUN COBOT



新松协作机器人



安全
SAFE



灵活
FLEXIBLE



易用
EASY USE

SIASUN

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SCR系列协作机器人

新松协作机器人是国内首台7自由度协作机器人，具备快速配置、牵引示教、视觉引导、碰撞检测等功能，特别适用于布局紧凑、精准度高的柔性化生产线，满足精密装配、产品包装、打磨、检测、机床上下料等工业操作需要。其极高的灵活性、精确度和安全性的产品特征，将开拓全新的工业生产方式，引领人机协作新时代。

SIASUN Cobot is the first domestic, 7 degree-of-freedom anthropomorphic robot with rapid configuration, traction teaching, visual guidance and collision detection. It is particularly suitable for flexible production lines with compact layout and high precision to conduct precision assembly, product packaging, polishing, testing, machine loading and unloading and other industrial operations. SIASUN Collaborative Robot, with its high flexibility, precision, and safety, will open up a brand new way of industrial production and lead the new era of human-machine collaboration.

产品特性 PRODUCT FEATURES

01 安全 SAFE

碰撞检测 Collision Detection

无需安装防护栏，更安全。
Safer design, no security fence needed.

协作特性 Collaborative Characteristics

无锐边设计，外观友好。
Designed with no sharp edge, more user friendly.

02 灵活 FLEXIBLE

快速配置 Fast Set-up

方便拆装更高效，极其适用于产线更迭迅速的领域。
Easy to install/uninstall. Extremely suitable for frequently changed production lines.

姿态丰富 Various Postures

冗余自由度设计，更多姿态选择。
Designed with redundant axis. Robot can have more posture.

轻量小巧 Lightweight Design

轻量化设计，占地面积小，可根据生产线更迭快速配置。
Lightweight design. Small footprint. The robot can be configured quickly according to the adjustment of the production line.

高精度 High Precision

重复定位精度达到 ± 0.02 mm，性能更优。
Repeated positioning accuracy: ± 0.02 mm.

03 易用 EASY USE

牵引示教 Be Guided by Demonstration

拖动示教，图形化操作，编程简易。
Traction teach available, operate with graphic user interface, easy to program.

视觉识别 Visual Identification

末端可选配视觉引导功能。
Vision guide system (at the flange) is optional.

应用行业

汽车领域、3C 电子、食品饮料、医疗制药、物流仓储、五金卫浴、更多行业

Application Industries: Automotive, 3C Electronic, Food and Beverage, Medicine and Health Care, Logistics Storage, etc.

应用领域

智能装配、智能分拣、上下料、智能搬运、包装及堆垛、更多领域

Application Areas: Assembly, Sorting, Loading & Unloading, Moving, Packaging, Stacking, etc.



SCR3



SCR5

技术参数 TECHNICAL PARAMETERS

型号 MODEL	SCR3	SCR5
负载 Payload	3kg	5kg
重量 Weight	18.6kg	33.8kg
工作半径 Range of Motion	600mm	800mm
重复定位精度 Repeatability	±0.02mm	±0.02mm
自由度 Degrees of Freedom	7	7
TCP 最大速度 TCP Max Speed	0.8m/s	1m/s
防护等级 IP Rate	IP54	IP54
环境温度 Operating Temperature	0 - 45℃	0 - 45℃
控制柜外形尺寸 Control Cabinet Dimensions	530x480x180 mm	530x480x180 mm
I/O	控制柜 Cabinet: 14Dig I/O, 24V, 1A 末端 Mounting Flange: 2 Dig I/O, 24V, 1A	控制柜 Cabinet: 14Dig I/O, 24V, 1A 末端 Mounting Flange: 2 Dig I/O, 24V, 1A
电源 Power Supply	230VAC, 50-60Hz	230VAC, 50-60Hz
功耗 Power Consumption	典型工况约 Typical 250W	典型工况约 Typical 400W
视觉分辨率 (选配) Visual Resolution (Options)	130万像素 (黑白) 1.3 Megapixel (B&W)	130万像素 (黑白) 1.3 Megapixel (B&W)

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。旗下分别设立新松机器人与人工智能研究院、新松工业 4.0 综合研究院、星智汇机器人创客空间。

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。作为中国机器人行业的领导企业，中科新松致力于用创新技术引领中国机器人行业发展。

位于上海浦东新区临港综合区的新松临港产业基地，主要用于新松自主研发的新一代智能机器人产品及核心部件的中试、生产。同时运用新松丰富的机器人产品系列以及强大的机器人系统技术，开展工业 4.0 系统解决方案，为客户提供集核心制造技术开发、工艺流程研究及系统规划于一体的数字化工厂集成规划、设计与总装总调工作。

新松作为国内机器人行业的领军企业，积极构建良好的中国机器人行业生态体系。星智汇机器人创客空间作为新松着力打造的首个国内机器人创客空间，已连续成功举办三届全球机器人创新创业大赛。三年共计 1000 多个科技项目参与大赛，其中近 150 个项目得到孵化，近 30 个项目通过大赛平台获得投资机会。“星创师大赛”已成为中国机器人行业的品牌大赛。

中科新松始终致力于缔造一个国际化、创新的、平台化的具有领导地位的机器人王国，代表中国机器人与智能制造行业的一张名片走向国门，走向世界。

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+M+N”. Main business of SIASUN CO., LTD. includes intelligent robots, intelligent manufacturing, and industry incubating, aiming to provide customers with all aspects of service. SIASUN CO., LTD founded SIASUN robotics and AI Institute, SIASUN Industry 4.0 Institute and Creatineer Maker Space.

SIASUN CO., LTD. is located in JinQiao Development zone in China (Shanghai) Pilot Free Trade Zone with an area of 5,300 square meters, 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. As the leading enterprise in China's robot industry, SIASUN devotes itself to lead the development of the industry by continuous technology innovation.

Located in Lingang in Pudong District, Shanghai, SIASUN's Lingang Industrial Park mainly focuses on pilot test and large-scale production of new intelligent robot products and core robot components that are completely self-innovated by SIASUN. Meanwhile, SIASUN puts its abundant robot products and strong automation technology into full use to develop Industry 4.0 system solutions, offering customers developing, designing, general assembling and adjusting of digital factory programs, which integrates the development of core manufacturing technology, R&D on process flow and system planning.

As a leading enterprise of China's robot industry, SIASUN has been always striving to construct the eco-system in China's robot industry. Being the first domestic innovation competition in the robot industry, Creatineer competition has been held successfully for 3 years. By now, there are over 1000 startup projects taking participate in, with nearly 150 projects being incubated and almost 50 projects being invested. Creatineer Competition has now become a prestigious brand in domestic robot competitions.

SIASUN CO., LTD. aims at creating an international and innovative leading robot kingdom as a representative in China's robot industry, presenting Chinese robot and intelligent manufacturing technology to the whole world.



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