

Main Features

- Standard EtherCAT communication
- Compact Design
- Designed for education market
- Standard 4-axis articulated robot: MiniSCARA

Content

- Control cabinet
- Robot control API
- Educational 4-axis SCARA robot
- Open-structure robot controller

Product Overview

Model NRB-EDU4S-05/0.60

MiniBOT Platform 4-axis SCARA

The 4-axis SCARA robotic platform is a complete solution designed for teaching purposes. This open-structure control system also provides APIs for users to develop their application software. A suite of optional learning applications is available for different teaching modes and situations to simulate the robotic applications in the industry.

Educational Hardware

Robot weight 20 kg

Operation range 600 mm

Application Accessories (optional)

♦ Conveyor	800 x 180 x 200 mm
♦ Work Table	900 x 900 x 800 mm
♦ Assembly Table (small)	220 x 170 x 220 mm
♦ Storage Unit (for boards)	200 x 230 x 350 mm
♦ Gripper	customized with the robot
♦ Assembly Board	150 x 200 x 5 mm
♦ Trajectory Movement Board	150 x 200 x 5 mm
♦ Writing Board	150 x 200 x 5 mm
♦ Layout Design Board	150 x 200 x 5 mm
♦ Product Sorting Board	150 x 200 x 5 mm

Training Modules

♦ Robot Body Specifications	♦ Robot Operation Process	♦ Linear Motion
♦ Control Cabinet Configuration	♦ Operation Mode Start/Stop	♦ Application – Writing
♦ Control Box Boot Sequence	♦ Jog Control	♦ Application – Layout Design
♦ Homing Process	♦ Point-to-point Motion	♦ Application – Sorting

Application Accessories (optional)

nexCOBOT
Open Robots & Machines

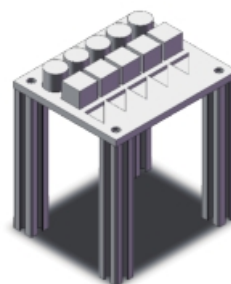
Work Table



Conveyor



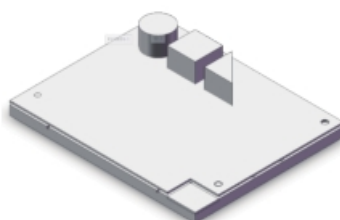
Assembly Table



Storage Unit (for boards)



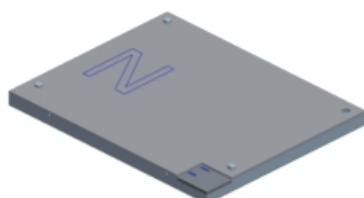
Assembly Board



Trajectory Movement Board



Writing Board



Layout Design Board

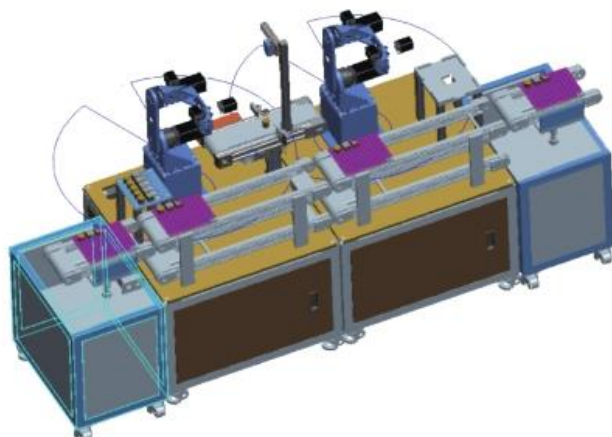


Product Sorting Board



Customized Courses

Assembly Line Simulation



Sorting/Storage Process Simulation

