



RX-90

Two commercial RX-90 robotic arms. They can cooperate with each other to do different tasks. Controlled with Ubuntu/ROS thanks to self-designed programs.

Key Features

- Weight: 111kg
- Repeatability: 0.02mm
- Load capacity: 6kg
- Control: Laptop with Ubuntu/ROS
- Max speed: 11m/s

Possible Applications

- Use of tools for machining
- Cooperation for small structure building
- Objects resistance tests
- Cooperation for industrial assembly line simulations
- Simulation of repairment tasks



Access information

Corresponding infrastructure	Universidad de Sevilla Robotics, Vision and Control Group
Location	Camino de los Descubrimientos, 41092 Sevilla, Spain
Unit of access	Working day

Technical specifications

Repeatability	0.02mm
Degrees of freedom	6
Payload	6kg
Speed	11m/s
Weight	111kg
Amplitude (joint 1)	320°
Control	Ros/Ubuntu



Additional information

http://www.gipsa-lab.grenoble-inp.fr/~nicolas.marchand/teaching/staubli_rx90.pdf