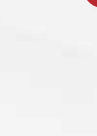


P series Desktop-mounted SCARA Robot

The "cost-effective" horizontally mounted robot features high speed, high precision, and stable and reliable quality. It is the best product for robotic replacement and an ideal alternative to modular and Cartesian robots.

P3	P6	P10	P20	P40	P60	P100
						
Payload Rated 1kg / Maximum 3kg Arm length 400mm	Payload Rated 2kg / Maximum 6kg Arm length 500 600 700mm	Payload Rated 5kg / Maximum 10kg Arm length 600 700 800mm	Payload Rated 10kg / Maximum 20kg Arm length 800 900 1000mm	Payload Rated 10kg / Maximum 20kg Arm length 800 900 1000mm	Payload Rated 60kg / Maximum 100kg Arm length 1200mm	Payload Rated 60kg / Maximum 100kg Arm length 1200mm

Robot Controller

Abundant device interfaces, designed for the expansion of specialized four-axis robotic arms

MRC-100



External Dimensions:
L217mm * W237mm * H125mm

Maximum number of control axis	4-axis
Supported robot models	P3/P6/P10/P20/P40
Types of exercise	PTP (Point-To-Point) mode CP (Continuous Path) mode
IO	Input: 16 (standard) Output: 16 (standard)
Interface configuration	Serial (RS232C/RS485) / EtherNet/IP/Modbus USB (USB2.0/USB3.0) / CAN (CAN2.0B) Ethernet (Ethernet/RS485) / other (see manual)
Communication protocol (standard)	Modbus (Modbus-RTU/Modbus-TCP) EtherNet/IP/Modbus-TCP CAN (CAN2.0B/Modbus-TCP) other (see manual)
Communication protocol (Expansion)	Modbus (Modbus-RTU/Modbus-TCP) / other (see manual)
Rated capacity	Maximum rated power 90W The actual rated capacity depends on the type, motion and load of the robotic arm. P3: 0.8 Kw P6: 1.1 Kw P10: 1.3 Kw P20: 2.4 Kw P40/P60: 2.65 Kw
Input voltage	220V AC ± 10%
Frequency	50Hz
Noise	50dB
Installation and Usage Environment	Other conditions (such as dust, weight, heat from outside power cord of line, flammable gases, and fire risk, ambient temperature 0-40°C if providing 40°C or above, unless according to instruction)
Net weight of controller	5KG

Extensive device interfaces, intended for the expansion of heavy-duty robotic arm specialized machines

MRC-200



External Dimensions:
L217mm * W237mm * H180mm

Maximum number of control axis	4-axis
Supported robot models	P60/P60S/P60-12045 P100-12045
Types of exercise	PTP (Point-To-Point) mode CP (Continuous Path) mode
IO	Input: 16 (standard) Output: 16 (standard)
Interface configuration	Serial (RS232C/RS485) / EtherNet/IP/Modbus USB (USB2.0/USB3.0) / CAN (CAN2.0B) Ethernet (Ethernet/RS485) / other (see manual)
Communication protocol (standard)	Modbus (Modbus-RTU/Modbus-TCP) EtherNet/IP/Modbus-TCP CAN (CAN2.0B/Modbus-TCP) other (see manual)
Communication protocol (Expansion)	Modbus (Modbus-RTU/Modbus-TCP) / other (see manual)
Rated capacity	Maximum input power 7.5kW The actual rated capacity depends on the type, motion and load of the robotic arm. P60/P100: 4.6 Kw
Input voltage	220V AC ± 10% / 380V AC ± 5%
Frequency	50Hz
Noise	50dB
Installation and Usage Environment	Other conditions (such as dust, weight, heat from outside power cord of line, flammable gases, and fire risk, ambient temperature 0-40°C if providing 40°C or above, unless according to instruction)
Net weight of controller	8KG

Practical application cases of robots

