

Pushing Automation Further, Faster

Mecademic's SCARA robot system is the world's most compact and most precise. Designed for straightforward integration, the new robot system immediately delivers maximum efficiency and precision at low cost.



Ultra compact

Has its controller embedded into the base



Extra small

Requires a smaller footprint than comparable market options



Highly precise

Boasts 0.005 mm repeatability



Energy efficient

Consumes around 100 W



Easy to integrate

Can be mounted upside-down too

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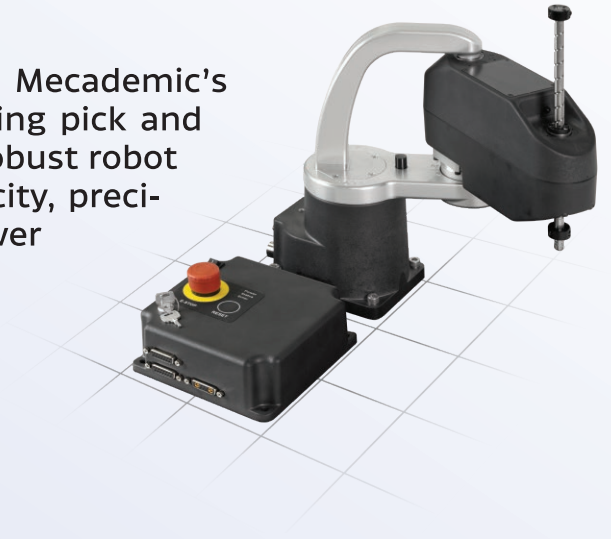
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Redefining pick & place for micro applications

With fast cycle times and mounting flexibility, Mecademic's SCARA is ideal for a variety of applications including pick and place, assembly, lab automation, and more. This robust robot is unique in that it offers a combination of simplicity, precision, and high performance at significantly lower overall costs than competitive models.



Specifications

Payload	0.5 kg rated (max. 1 kg)
Horizontal reach	225 mm
Z stroke	102 mm
Maximum orientation speed	5,000 °/s
Maximum XY speed	2,750 mm/s
Maximum Z speed	900 mm/s
Total weight	4.3 kg
Power supply	80-250 VAC / 50-60 Hz
Power consumption	100 W
I/Os	4 inputs 5-24 V, 3 outputs 0-24 V, 100 mA

Communication

EtherCAT®

PROFI
NET®



TCP Socket

EtherNet/IP™

Programming languages



▶ LabVIEW®

python

& more

ISO 10218-1 / UL 1740 (certification pending)

MECADEMIC
INDUSTRIAL ROBOTICS

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MADE IN
CANADA

