

Enabling New Automation Possibilities

The Meca500 is the world's smallest, most compact, and most precise six-axis industrial robot arm. Designed as an easy to use plug-and-work automation component, the Meca500 delivers high performance with low power consumption.



Highly precise

Boasts 0.005 mm repeatability



Extra small

Is 2x smaller than comparable market options



Ultra compact

Has its controller embedded into the base



Energy efficient

Consumes around 30 W



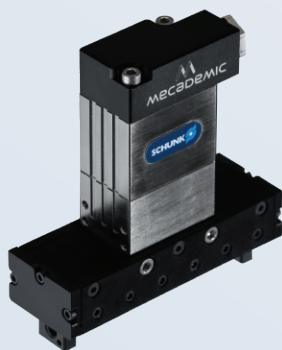
Easy to integrate

Can be mounted in any orientation



Versatile End-of-Arm Tooling

Mecademic offers a variety of end-of-arm tooling suited for all kinds of industrial applications as well as universal compatibility for a wide range of components & peripheral devices.



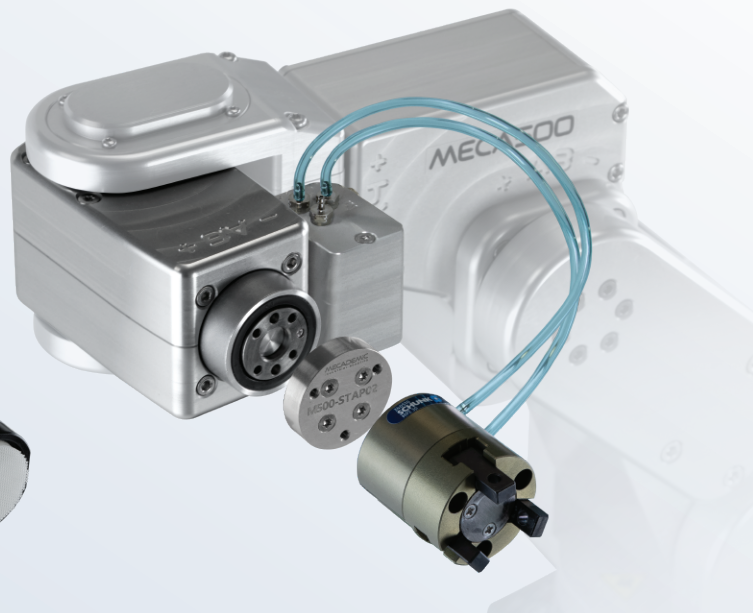
Electric Parallel Grippers
MEGP 25LS / MEGP 25E

Easily control gripping distance, speed, and force



Dry Adhesion Gripper
Array / Macro / Meso / Micro

Grab fragile parts with utmost precision and without leaving marks



Pneumatic Module
MPM500

Control various pneumatic EOAT components

Specifications

Payload 0.5 kg rated (max. 1 kg)

Repeatability 0.005 mm

Reach 330 mm

Power consumption 30 W

Power supply 90-264 VAC / 50-60 Hz

Total weight 4.6 kg

Communication

EtherCAT

PROFINET



TCP Socket

EtherNet/IP

Programming languages



LabVIEW

python & more

MECADEMIC
INDUSTRIAL ROBOTICS

www.mecademic.com



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Made in
CANADA

