

Smallest in the industry!

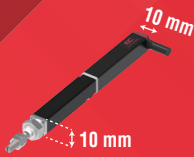
MICRO CYLINDER

With a surprisingly compact width of just 10 mm, it supports the full electrification of equipment.



IAI
Quality and Innovation

Rod type
Coupled motor type



Rod type
Side-mounted motor type

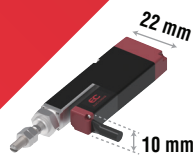
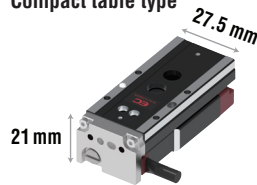
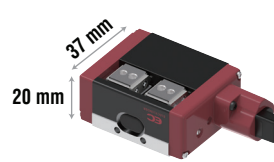


Table type
Compact table type



Gripper
Flat type



Gripper
Vertical type

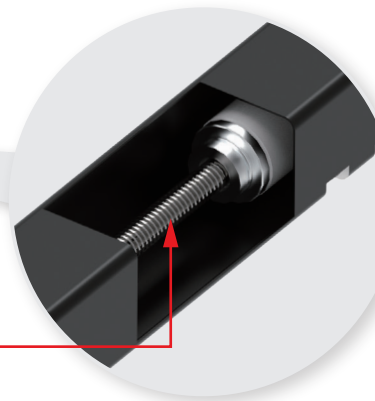


Product width 1cm x 1cm

Despite its small size, it features a built-in encoder, providing a repeatability of ± 0.02 mm.

All in one!

- ✓ Ball screw
- ✓ Motor
- ✓ Encoder

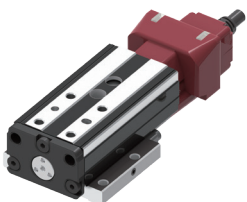


$\varnothing 2.5$

Equipped with a $\varnothing 2.5$ rolled ball screw, it achieves both **compact size** and **high payload**.



Previous model: EC-T3



Stroke	10 to 50 mm
Max. payload	Horizontal: 2 kg Vertical: 0.8 kg
Max. speed	200 mm/s
Max. push force	17 N

Max. payload
(vertical)

**Approx.
2 times**

Micro Cylinder: EC-T2

NEW



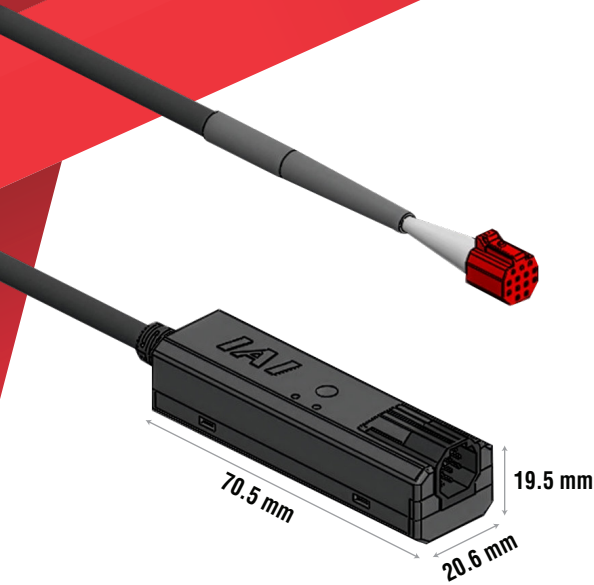
Stroke	20 to 50 mm
Max. payload	Horizontal: 3.5 kg Vertical: 1.5 kg
Max. speed	97 mm/s
Max. push force	25 N

In-line controller

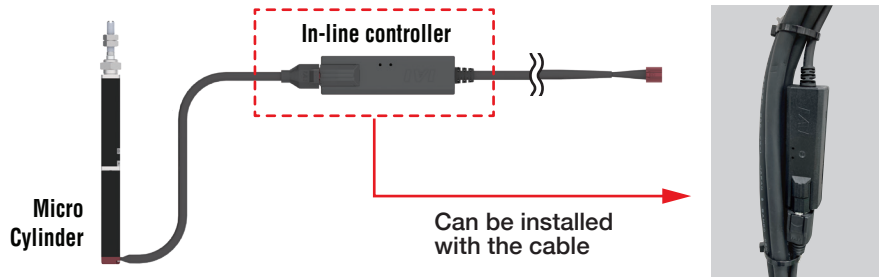
This controller is equipped with the built-in cable. Since the cable can be installed inside the customer's machine, it allows for a more compact control panel.



It helps save space!

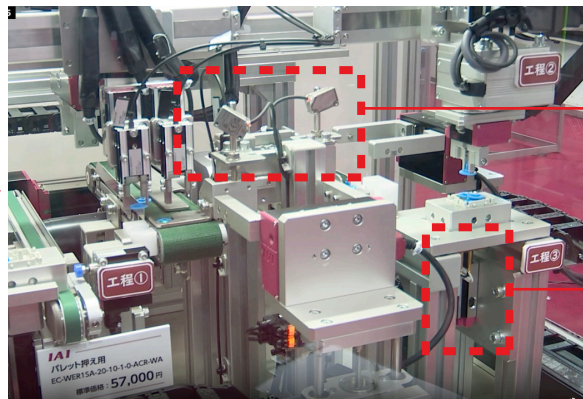
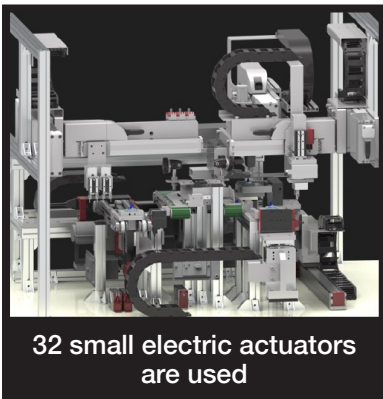


Installation example

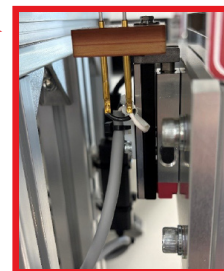


Application examples

Gear assembly device using small EC/RC products



Workpiece cutting



Lifting equipment

While fully electric systems were previously difficult to implement due to size constraints, they can now be implemented using micro cylinders.

Wireless connection is possible



It enables easy adjustments of devices that are installed remotely.



Instruction manual available!



Refer to the instruction manual for product specifications.
intelligentactuator.com/micro-cylinder

The Product catalog is coming soon



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The information contained in this product brochure may change without prior notice due to product improvements.

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