

MEPAC (Parallel air chuck)

Standard type

Standard type with two jaws called MEPAC basic. There are reciprocating type and single action type, and both types are highly accurate parallel slide air chuck developed by original mechanism that was originally developed not to burden operation and precision machining. Achieved light and assured action and downsizing and lightweight.

We are making achievements as chucking parts for industrial machinery such as automatic assembly machine and carrier device, including industrial robots.



	Stroke (mm)		
	4	5	6
Single action Constantly open (NO)	x	x	x
Single action Constantly closed (NC)	x		x
Reciprocating	x	x	x
Single action (NO) With sensor		(1)	(1)
Reciprocating With sensor		(1)	(1)

* The figure within () stands for the number of sensor installations (max).

Stable clamp performance

With the mechanism to open and close parallel, the contact surface of the chuck to workpiece stays constant. Stable chucking even when there is variation in clamp dimension and with different shape.

Light in operation and excellent high-speed response performance.

Apply parallel air swing action lever structure. In addition, built in super-small precise roller that operates smoothly and lightly in the sliding parts. No engaging phenomena, excellent high-speed responsiveness, and a mechanism that provides the ability to obtain sufficient clamp force concurrently.

Excellent installation adjustment

By fixing shank part of the body, position adjustment of the height and rotation direction is possible and speedy set-up can be achieved.

Small, light, and long life

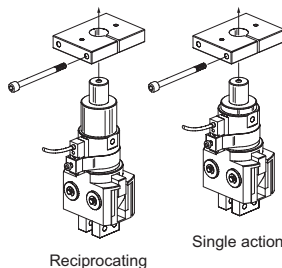
Achieved high performance with a small body of the original structure. Downsizing of device is possible. No unreasonable force is applied to operation direction, and excellent durability and initial performance is maintainable over a long period of time.

Operation detection

Both reciprocating and single action with sensor are available.



Example of installation



* See A-74 for details.