

## Magnet Gripper for Collaborative Robots

Compliant with the UR (e) Series UNIVERSAL ROBOTS collaborative robot

# Plug and Play

configuration for immediate use

URCap Easy programming





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P-EU20-34-UK

# Plug and Magnet Gripper

## for Collaborative Robots

#### **UNIVERSAL ROBOTS**

UR3(e), UR5(e), UR10(e), UR16e compliant

- Attracts and holds heavy objects with a magnet
- Supports workpieces with holes and uneven surfaces
- Compact with high holding force
  - Holding force: Max. 200 N (Ø 25, Workpiece thickness 6 mm)
- Continues to hold workpieces even when the air is shut off
- Operate by simply connecting 1 air supply tube and an electrical wiring M8 connector.
- Integrated solenoid valve, auto switch, and piston speed adjustment mechanism



How to Order

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## MHM-25D-X7400A

#### Specifications

Fluid		Air
Action		Double acting
Operating pressure [MPa]		0.2 to 0.6
Proof pressure [MPa]		0.9
Ambient and fluid temperatures [°C]		-10 to 50 (No freezing)
Holding force [N]	Workpiece thickness: 2 mm	160
	Workpiece thickness: 6 mm	200
Residual holding force [N]		0.3 or less
Lubrication		Non-lube
Weight [g]		590
Standards		ISO 9409-1-50-4-M6
Auto switch model		D-M9P
Connector type		M8 8-pin connector (Socket)

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Included parts: Mounting bolt, Positioning pin, Piping tube (Ø 4 x 2 m)

#### Characteristics



#### **Holding force**

The holding force graph shows the theoretical value for low-carbon steel plates. Holding forces vary depending on the material and shape of the workpiece. Please perform a holding test while referring to the value selected based on the graph.

#### **MHM-25**



Dimensions



## **URCap**

#### Easy programming

By using the dedicated software certified for Universal Robots, URCap, the teaching pendant can conduct various operations intuitively, allowing for sensor signals to be easily incorporated.

Save a copy of the URCap software to a USB memory and insert it into the teaching pendant to easily install the software. \* Please download the URCap software from the website, and save it to a USB memory.







### **SMC** Corporation

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