

# EMI Gripper Kit – 3D-V For Universal Robots

The Pneumatic 3D-V Vacuum Kit for Universal Robots by EMI is a fully customizable 3D printed End of Arm Tooling that can be made to meet your specific handling needs. Any custom 3D-V kit can have up to 16 vacuum cups within a 375mm x 275mm footprint. EMI can provide the ideal tool to you that is both lightweight and smart with an integrated sensing module.



## Pneumatic 3D-V Vacuum Kit

The development of the 3D-V Vacuum kit for the UR3, UR5 and UR10 was created from the years of successful use and implementation of Additive Manufactured components to compliment custom End-of-Arm Tools since 2013.

This fully 3D printed, lightweight frame made out of durable nylon includes 3 sets of vacuum cups from over 700 in-stock to fit all applications.

The 3D-V Vacuum Kit is easy to install and operate. Simply connect your 6mm compressed air line, your 4-wire cable to the controller box, install EMI's URcap to your UR3, UR5 or UR10, and your Pneumatic 3D-V Vacuum Kit is ready to expand the capabilities of your Collaborative Industrial Robot.

- **Fully Customizable:** (1 - 16) vacuum cups with variable spacing.
- **Includes 3 Sets of Vacuum Cups:** High Temperature Silicone, Non-Marking Hithane and Dual Durometer for textured parts.
- **Integrated Vacuum Generator** with a monitoring switch for part confirmation.
- **Internal manifold** inside the core of the frame to reduce hazards from tubing.
- **Lightweight 3D printed frame** made out of durable nylon.

3D-V (as shown)

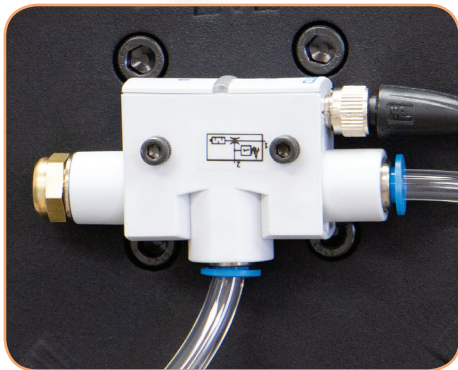
**KIT PRICE: US\$ 895.00\***

*\*price subject to change per configuration*



**Features:**

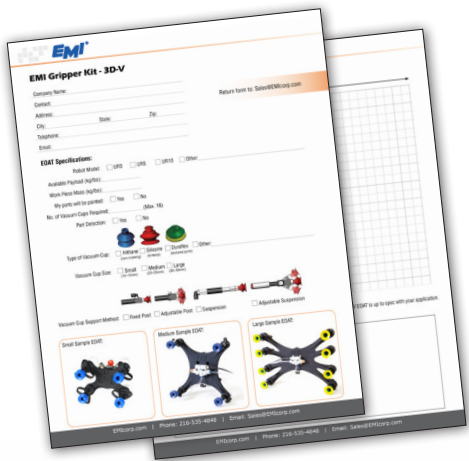
- Includes 20mm-25mm Vacuum Cups.
- 10mm-20mm fixed vacuum posts or suspensions.
- Includes solenoid valve.
- Includes tubing strap.
- Up to 375mm x 275mm.



Included vacuum generator with monitoring switch for part confirmation.



Included: 5/2 Solenoid Valve with fittings, mufflers, and non-slip Velcro strap.



EMI's 3DV Datasheet



Small sample with Gimatic QC50.



Large sample can hold up to 10kg.