

VGC10 Vacuum Gripper

Compact vacuum gripper for all your needs



Features

Easy interface for customization

Dual gripping feature, A and B channels can be individually programmed

Built-in electric vacuum



Capabilities

Changeable suction cups options and ability to add/remove arms

Can handle two products **simultaneously** with the flexible adjustment of suction cup arms

No external air supply needed



Benefits

Fits highly specific application needs. **Cost effective**, can handle a wide array of items

Higher utilization of the **robot**, shorter cycle time, more output

Less running cost, less noise, takes up less space

Flexible electric vacuum gripper with **unlimited customization** fits all your application needs

Small, lightweight gripper is perfect for tight spaces but with plenty of power for objects **up to 15kg**

No external air supply needed for **reduced maintenance costs** and faster deployment

VGC10 Vacuum Gripper Applications

The VGC10 Vacuum Gripper can be used with products of **various sizes** and **materials**, including:



Metal



Glass



Glossy
Packaging



Plastic



Possible Applications Include:



Packaging & Palletizing

Relieve workers of repetitive tasks



Pick & Place

Moving items from and onto conveyor belts

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Technical specifications

General Properties

	Minimum	Typical	Maximum	Unit
Vacuum	5 %	-	80 %	[Vacuum]
	-0.05	-	-0.810	[Bar]
	1.5	-	24	[inHg]
Air flow	0	-	12	[NL/min]
Payload	0	-	15	[kg]
	0	-	33	[lb]
Vacuum cups	1	-	7	[pcs.]
Gripping time	-	0.35	-	[s]
Releasing time	-	0.20	-	[s]
Vacuum pump	Integrated, electric BLDC			
Arms	Replaceable, customizable			
IP Classification	IP54			
Dimensions	101 x 100 x 100			[mm]
	3.97 x 3.94 x 3.94			[inch]
Weight	0.814			[kg]
	1.79			[lb]