**EcoCup™ creates vacuum without AIR!**

Great for pick-and-place applications of flat, rigid, non-porous parts including: plastic, glass, solar panels, and electronics, as well as other consumer goods with smooth, flat surfaces.

The EcoCup™ features:
- Light-switch operation
- Ultra-fast actuation
- Noise-free operation
- Easy installation and setup
- Reduced maintenance costs
- Easy optional mounting to Scara robots
- Eliminated risk of air-borne contaminants

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**Specifications**

**VC-EC40-45N**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuation Time</td>
<td>25 ms</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>5° ~ 60°C [41° ~ 140°F]</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>50% (½ On, ½ Off)</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 VDC</td>
</tr>
<tr>
<td>Current</td>
<td>0.5 Amp</td>
</tr>
<tr>
<td>Weight</td>
<td>0.12 kg (0.25 lb)</td>
</tr>
<tr>
<td>Cup Material</td>
<td>45 Durometer Nitrile</td>
</tr>
</tbody>
</table>

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**Operating Instructions:**

1. Set cup on smooth, flat surface of part.
2. Apply 24VDC to Pins 3 and 4 on M12 connector. (Center of cup lifts, creating vacuum)
3. Release voltage and part is released.

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US Patent #9108319

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Dimensions and technical information are subject to change without notice
**ECOCUP SERIES**

Vacuum Products | Dimensions | Technical Specifications

**EcoCup™ EC40** Electric Vacuum Cup Assembly

**Model** | **Weight**
---|---
VC-EC40-SRM50 | 111g [3.9 oz.]

**EcoCup™ EC40** Optional Apple Core Mounting

**Model** | **Weight**
---|---
VC-EC40-ACM50 | 40g [1.4 oz.]

**EcoCup™ EC40** M12 4-Pin Connector with Rotating Coupling (Contact DESTACO for Custom Solutions)

**Model** | **Weight**
---|---
Turck #FKM 4.4-0.5 | 14g [0.5 oz.]

Shown with DESTACO MSA Series Swivel Arm

Shown with custom plate for array mounting

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