

**ESD-safe Pen-Vac™ and Pen-Vac™**  
**Product No. 528-16, 528-2**

**DESCRIPTION:**

The Pen-Vac™ and ESD Safe Pen-Vac™ are vacuum pick-up tools for small, delicate objects. The self-contained vacuum lifts items up to 50 grams without power or batteries. There is room to store probes and cups under the rear cap when not in use.



*Figure 1: ESD-safe Pen-Vac™*

**APPLICATIONS:**

- Select a probe with a vacuum cup that is slightly smaller in diameter to the outline of the parts that you want to retrieve.
- Securely install it on the tapered end of the vacuum handle.

**NOTE:** Selecting a vacuum cup that is too large or too small will result in improper operation.

**How to Retrieve and Deposit a Part:**

- Push vacuum button using your index finger; hold this position and gently place the vacuum cup on top of the part that you wish you pick up.
- Release the button and the part should be firmly grasped by the vacuum cup.
- When ready to release the part, simply push vacuum button again and place the part to desired spot.



*Figure 2: Retrieving and Setting Down a Part*

**SPECIFICATIONS:**

- **ESD Safe:**  
Static Dissipative Plastic Nozzle
- **Dimensions:**  
LENGTH: 5.75" (146mm)  
DIAMETER: 0.50" (1.27mm)  
WEIGHT: 0.060 ounces  
POWER REQUIREMENTS: None

**PEN-VAC™ OPTIONS:**

**Selection of Vacuum Cups with Probes**

- The Pen-Vac™ is compatible with any of the probes (with or without cups) listed here:  
[https://www.tedpella.com/grids\\_html/Vacuum-Pick-Up-Systems.aspx](https://www.tedpella.com/grids_html/Vacuum-Pick-Up-Systems.aspx)
- The vacuum cups are a soft rubber Buna-N material that allow handling a wide variety of small parts.