



## LAB & REWORK ACCESSORIES - VACUUM SYSTEMS AND TOOLS

### SMD GENERAL PURPOSE VACUUM

A general purpose vacuum handling tool that plugs directly into the 110 VAC. This compact unit will handle most of the surface mount components used in industry today. The long life diaphragm vacuum pump generates six inches of mercury. The unit connects to ground automatically with a three wire power cord. This vacuum comes complete with the following features:

- Whisper-quiet operation
- 4 feet of straight vacuum hose
- 4 feet of coiled vacuum hose
- A set of seven vacuum tips
- A vacuum pick-up handle
- Rubber no-skid feet
- Produces vacuum of over six inches of mercury
- Optional side mounted handle holder

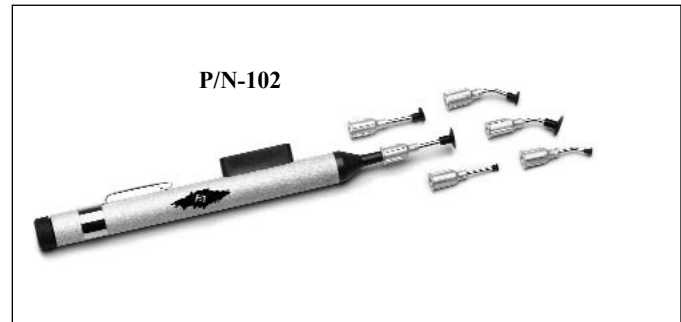


SMD Vacuum System                    **P/N-103**  
 Replacement probe/ cup kit:        **P/N-103-PROBES**

### VACUUM PEN (Side Plunger)

The P/N-102 vacuum pen comes with both straight and angled suction attachments for easier chip handling.

- Eliminates need to touch fragile QFP and SOIC packages
- Few mechanical parts; will last for years
- Vacuum is built in
- Comes with 6 tips: 3-straight, 3-angled



Vacuum Pen w/ cups                    **P/N-102**  
 Replacement Cups:  
 2 Small, 2 Medium, 2 Large        **P/N-102-CUPS**

### VACUUM PEN (End Plunger)

This hand-held vacuum pen with suction handle allows you to easily pick up fine pitch devices. Simply screw on one of the three cup sizes provided, place the pen over the device and depress plunger, then release the plunger to create a vacuum.

- Eliminates need to touch fragile packages
- Few mechanical parts; will last for years
- Comes with 3 cups



Vacuum Pen w/ cups                    **P/N-100**  
 Replacement Cups:  
 1 Small, 1 Medium, 1 Large        **P/N-100-CUPS**

*For a complete list of vacuum tools and specifications,  
 pricing and delivery information, please see:  
 Web Link: [www.1800adapter.com/086](http://www.1800adapter.com/086)*

**NOTE:** These tools are handling tools only, not to be used with force. Components should be handled with vacuum pick to ensure that coplanarity of leads is maintained.