



The SMD-VAC™ pick-and place tools provide a bench top vacuum generator. The whisper-quiet operation makes these the choice tools for many PCB assembly operations. Parts ranging in size from 0.0075" (0.19mm) up to 4" (102mm) can easily be handled.

SMD-VAC™-HP
3" X 2 1/2" X 6"
(76mm X 64mm X 152mm)



OPTIONAL FOOT SWITCH



SMD-VAC™-HP

Additional pick-up power for handling small to very large size components. The precision pump and motor generate over 15 inches of mercury. The compact tower design takes a up a very small footprint on the bench. An electric eye pen holder on the side automatically shuts the unit off when the vacuum pen is placed in it. A solenoid jack on the rear of the V8100A series allows use of the optional foot or hand switch to control vacuum during pick and place operations. The SMD-VAC™-HP comes complete with the following features:

- Quiet operation.
- 5 feet of coiled vacuum hose, (VCH-1/16-5).
- A set of nine vacuum tips, (VCS-9-B).
- A vacuum pick-up handle, (VVP-200).
- 12 volt DC power source.
- Automatic vacuum pump ON/OFF control.
- Rubber no-skid feet.
- ESD connection on rear of unit.
- Produces vacuum of over 15 inches of mercury.

V8100A	SMD-VAC-HP for 110 Volt
V8100A-FS	SMD-VAC-HP with foot switch, for 110 Volt
V8100A-220	SMD-VAC-HP for 220 Volt
V8100A-FS-220	SMD-VAC-HP with foot switch, for 220 Volt
V8100	SMD-VAC-HP, NO SOLENOID or foot/hand switch connection, for 110 Volt
V8100-220	SMD-VAC-HP, NO SOLENOID or foot/hand switch connection, for 220 Volt

Refer to pages 14-15 for small parts tips

SMD-VAC™-HP Small Parts Kit

SMD-VAC™-HP, runs on 12 VDC @ 500mA w/ solenoid. With a precision pump and motor that generates over 15 inches of mercury; this tool provides additional pick-up power for handling small to very large size components. This kit includes 5 feet of coiled vacuum hose 1/16" diameter (VCH-1/16-5), a set of nine ESD-Safe vacuum tips. (VCS-9-B), a push-button release vacuum pick-up handle. (VVP-200) Foot Switch & Vacuum Pen w/o control hole, (VFS-1), a set of ESD-Safe Delrin small parts tips (VSPT-TIPS-8-BD), a 16-position tip organizer/holder. (VTH-16), and a wall power supply for operation.

V8100A-SP8-BD	SMD-VAC-HP Small Parts Kit for 110 Volt
V8100A-SP8-BD-220	SMD-VAC-HP Small Parts Kit for 220 Volt

Foot Switch With Vacuum Pen

Can be used with V8100A tools that have the optional solenoid jack at rear of unit.
(This kit includes handle V3021 on page 25).

VFS-1	Foot switch
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Vacuum Tips Holder

Table top luer slip vacuum tips holder with non-slip rubber feet. Posts will accommodate up to 16 of our luer slip vacuum tips.

VTH-16	Table top holder, holds up to 16 luer slip vacuum tips
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ESD Safe Delrin Deluxe Small Parts Kits

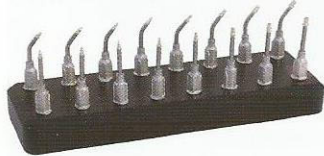
- V8100A-FS-DLX-D** SMD-VAC™-HP system (see page 10 for details) w/ solenoid, foot switch and an additional handle with no control hole, a selection of 9 rubber vacuum tips, a complete set of all 16 static dissipative delrin small parts tips, 16-position tip holder VTH-16 and 110 volt power supply
- V8100A-FS-220-DLX-D** This SMD-VAC™-HP system's features are identical to the above but powered with a 220 volt power supply

High Temperature Brass Deluxe Small Parts Kits

- V8100A-FS-DLX-B** SMD-VAC™-HP system (see page 10 for details) w/ solenoid, foot switch and an additional handle with no control hole, a selection of 9 rubber vacuum tips, a complete set of all 16 gold plated brass small parts tips, 16 position tip holder VTH-16 and 110 volt power supply
- V8100A-FS-220-DLX-B** This SMD-VAC™-HP system's features are identical to the above a 220 volt power supply

ESD Safe Delrin Small Parts Kits

- VSPT-KIT-16-D** A kit of 16 bent and straight ESD safe delrin small parts tips in the range of VSTP1005 to VSTP8060 with tip holder (VTH-16)
- VSPT-KIT-8-BD** A kit of 8 bent ESD safe delrin small parts tips in the range of VSTP1005 to VSTP8060
- VSPT-KIT-8-SD** A kit of 8 straight ESD safe delrin small parts tips in the range of VSTP1005 to VSTP8060



VSPT-KIT-16-D



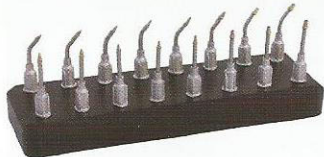
VSPT-KIT-8-BD



VSPT-KIT-8-SD

High Temperature Brass Small Parts Kits

- VSPT-KIT-16-B** A kit of 16 bent and straight gold plated brass small parts tips in the range of VSTP1005 to VSTP8060 with tip holder p/n VTH-16
- VSPT-KIT-8-BB** A kit of 8 bent gold plated brass small parts tips in the range of VSTP1005 to VSTP8060
- VSPT-KIT-8-SB** A kit of 8 straight gold plated brass small parts tips in the range of VSTP1005 to VSTP8060



VSPT-KIT-16-B



VSPT-KIT-8-BB



VSPT-KIT-8-SB

Tip Holder For Vacuum Tips

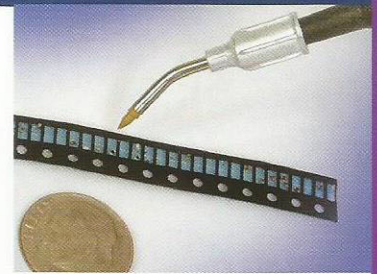
- VTH-16** Tip holder with 16 locations for holding our luer slip vacuum pick up tips. Vacuum tips not included
- VTH-8** Tip holder with 8 locations for holding our luer slip vacuum pick up tips. Vacuum tips not included



VTH-16



VTH-8



V8100A-FS-DLX-D
KIT



V8100A-FS-DLX-B
KIT