

These vacuum pens are ideal for SMT assembly or for handling any parts that have a non-porous surface. No batteries or hoses to get in your way. Operation is as follows:

1. Select a tip with a rubber vacuum cup on a probe that is slightly smaller than the part you want to pick-and-place. With a slight twisting motion put the probe snugly on the tip of the vacuum pen. Make sure that there is no dust on the rubber vacuum tip. Our larger rubber vacuum cups can be placed directly on the protruding tip without using a probe.
2. Depress AND hold the button on the side of the tool.
3. Touch the vacuum tip squarely to the part being handled and release the button. The part is now firmly grasped.
4. Move the part to where you want it and depress the button again. The part is now released.

These tools work only with the rubber vacuum tips. The rubber is required for an air-tight seal.



**V8920E-A-B** PEN-VAC™ JUNIOR, ESD safe, 5" X 1/2" aluminum body, kit with (3) bent probes with 1/8", 1/4" and 3/8" cups and (1) straight probe with 1/4" diameter static dissipative Buna-N rubber Black Vacuum Cups.

**V8920-LMS-B** Same as above but with (3) bent and (3) straight probes with (2) each 1/8", 1/4", 3/8" diameter static dissipative Buna-N rubber Black Vacuum Cups.



**V8902-LMS-B** Standard PEN-VAC™, ESD safe, 5 3/4" X 1/2" anodized aluminum body with storage compartment in the rear. Kit contains (3) bent and (3) straight probes with (2) each 1/8", 1/4", 3/8" diameter static dissipative Buna-N rubber Black Vacuum Cups.



**V8910-9BK-B** PEN-VAC™ PRO SERIES, ESD Safe, 5" X 1/2" light weight black plastic body with (3) bent, (1) straight probes, 1/8" (3.18mm), two 1/4" (6.35mm), 3/8" (9.53mm) diameter Buna-N Static Dissipative Rubber Vacuum Cups.



**V8901-KIT-B** PEN-VAC™ with five bent probes mounted with cup sizes 1/8" (3.18mm), 3/16" (4.76mm), 1/4" (6.35mm), 3/8" (9.53mm), 1/2" (12.7mm) diameter. Three straight probes mounted with cup sizes 1/4" (6.35mm), 3/8" (9.53mm), 1/2" (12.7mm) diameter. Includes Vacuum Pen holder with eight locations for holding your probes and cups.