Vacuum Sucking Pen

LP-200



Figure 1. The Photo of Actual LP-200



Figure 2. The Photo of Actual LP-200



Figure 3. The Photo of Actual Probes



Figure 4. The Photo of Actual Cups

FEATURES

ESD safe

Low cost

Light weight

Small volume

Strong suction

APPLICATIONS

It's widely used in SMT parts, metal parts, plastic parts or any item having a smooth and nonporous surface that the rubber vacuum tweezer tip can seal against.

DESCRIPTION

The LP-200 is a static safe vacuum PICK-UP kit. The kit includes the tool as well as the 3 different angled lifting needles with 3 sizes of high temperature, static safe suction cups. Use the larger cups to pick up larger and heavier parts.

Cup is made of anti-static material and free of silicone. There is no damage and pollution to the product.

It is especially convenient to drain electronic components and small product.

OPERATION

Select a tip with a rubber vacuum cup on a probe that is slightly smaller than the part you want to pick and place. Put the probe snugly on the tip of the LP-200 tool. Make sure that there is no dust on the rubber vacuum tip.

Note: Our larger rubber vacuum cups can be placed directly on the LP-200 tip without using a probe.

Gently squeezing vacuum pen manual button parts, place the soft suction cup squarely on the pick and place part, and then relax your squeeze. The part is now firmly gripped.

Move the part to where you need it and a second squeeze of the bulb releases the part.

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SPECIFICATIONS

Table 1.

Part #	Pad Dia. (mm)	Heat Resistant Temp. (ºC)	Pick-up Capability (g)	ESD Management Standard (ohm/sq)
LN250	3.18	220	1.5	10^3~10^6
LN260	6.35	220	8	10^3~10^6
LN270	9.53	220	15	10^3~10^6

Table 2.

Length	128mm
Diameter	13mm
ESD Management Standard (ohm/sq)	10^3~10^6ohm/sq
Weight	11.7g
Heat Resistant Temp	220℃

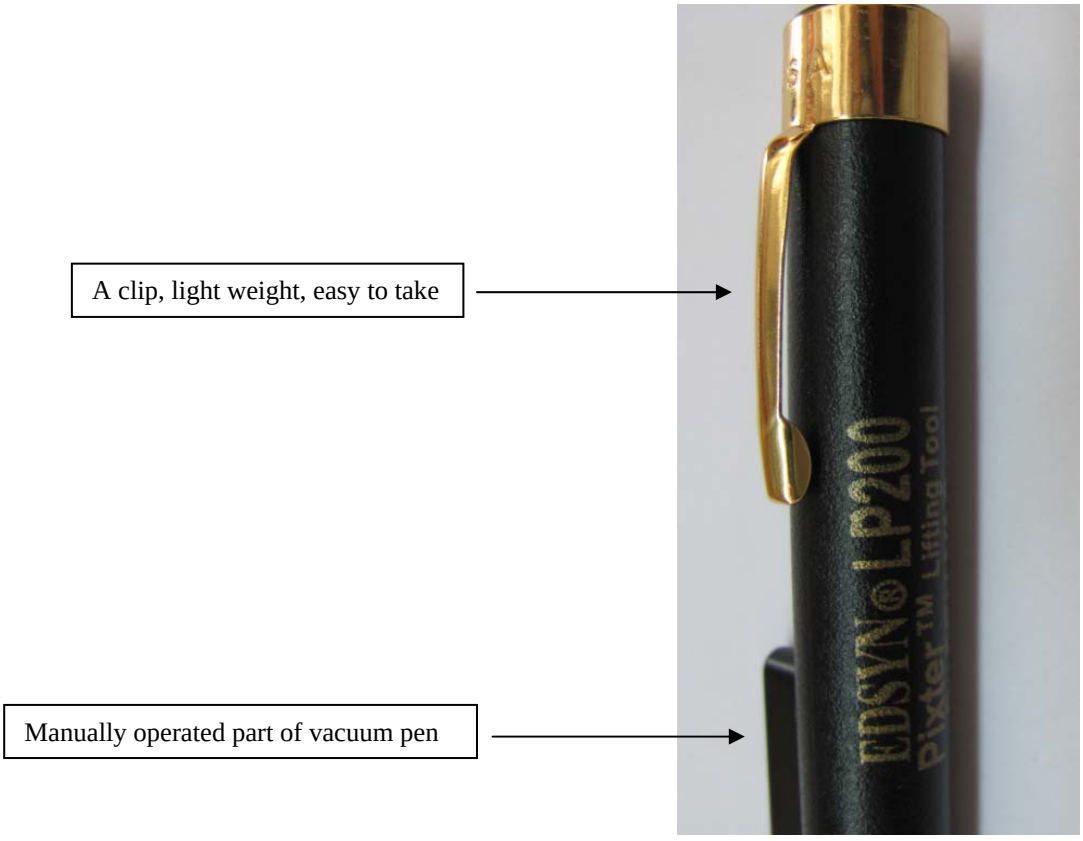


Figure 5. The Photo of Actual Vacuum Pen

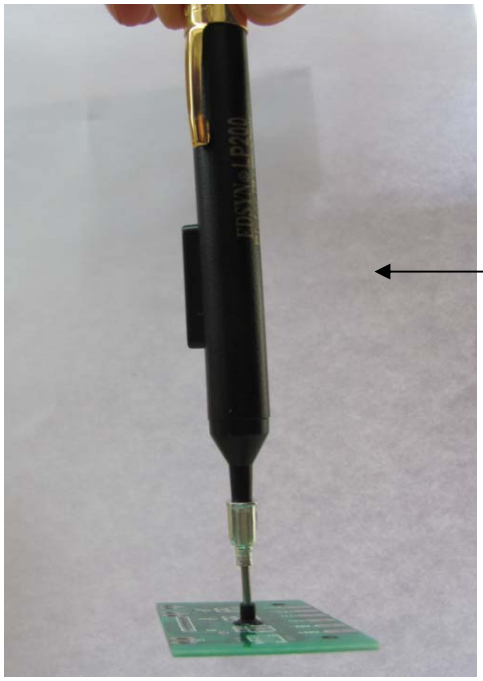
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EXPERIMENT



The experimental result: 3/8" (9.53mm) diameter vacuum cup draws a maximum weight of 15 g.

Figure 6. Test One



The experimental result: 1/4" (6.35 mm) diameter vacuum cup draws a maximum weight of 8 g.

Figure 7. Test Two

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The experimental result: 1/8" (3.18mm) diameter vacuum cup draws a maximum weight of 1.5 g.

Figure 8. Test Three

ORDERING INFORMATION

Part#	1~3	4~9	10~15	16~20
LP-200	$15.8	$14.3	$13.1	$11.9

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