



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.

**SPECIFICATIONS**

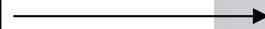
Table 1.

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

Table 2.

<b>Length</b>	128mm
<b>Diameter</b>	13mm
<b>ESD Management Standard (ohm/sq)</b>	$10^3 \sim 10^6$ ohm/sq
<b>Weight</b>	11.7g
<b>Heat Resistant Temp</b>	220°C

A clip, light weight, easy to take



Manually operated part of vacuum pen

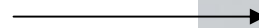


Figure 5. The Photo of Actual Vacuum Pen

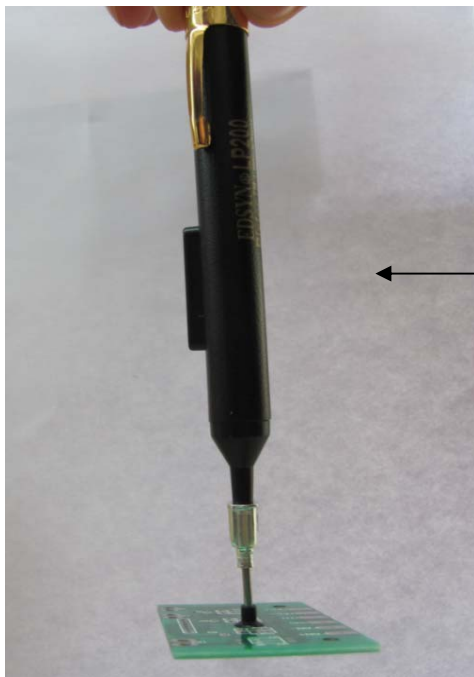


EXPERIMENT



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



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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