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Other Tools

HAKKO392 ESD SAFE



Vacuum pick-up tool, Pump type



[HAKKO 392 Replacement Nozzle](#)



What's ESD-SAFE?

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Features

A built-in diaphragm pump eliminates the need for a separate supply unit.

- ❖ Lifts objects weighing up to 120g.
- ❖ Pen, suction pads and air hoses are all made of anti-static materials for greater safety and reduced risk of damage to delicate parts.

Packing List

Model No.	392
Power Consumption	5W
Pump	Diaphragm Type
Maximum Pressure	280mmHg
Accessories	Bent Nozzle x2 (Inner Dia. 0.4mm & 1.1mm) Pad x2 (Outer Dia. 3mm & 7mm) Station : 132(W) x 83(H) x 170(D)mm Pen : 132(L) x 10(Outer dia.)mm Air Hose : 1100(L) x 6(Outer dia.)mm
Outer Dimensions	Station : Approx. 1.65kg Pen : Approx. 25g
Weight (w/o Cord)	

Replacement Parts & Options





▣ Part No.

C1058

▣ Part Name

Pen Assembly (A1164 to A1167, B1023 and 1 pc each)

▣ Nozzle Single Use

Part No.	Name/Description	Nozzle		Maximum item weight	App
		Shape	Stamped*		
A1164	Bent nozzle /0.4mm (OD 0.7mm)		22	0.6g (0.02 oz.)	Chip resis othe com
A1165	Bent nozzle/1.1mm (OD 1.65mm)		16	2g (0.07 oz.)	Sma (8-4
A1198	Bent nozzle /0.26mm (OD 0.5mm)		25	-	Usat 060:
A1486	Straight nozzle /1.1mm (OD 1.65mm)		16	-	

*The maximum pickup performance shown above slightly differs depending on the surface of the object.

*Please take off the stopper when you use A1165 without pad.

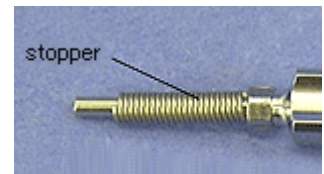
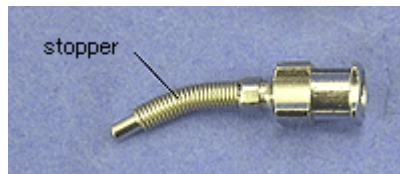
*Stamp - Please check the stamping number to distinguish nozzles.

▣ Use Nozzle with Pad

Nozzle

Part No.	A1165	A1486
Name/Description	Bent nozzle /1.1mm	Straight nozzle /1.1mm
Outside Diameter	1.65mm	1.65mm

Figure



+ + + -





Pad

Part No.	A1166	A1312	A1167	A1311	A1166	A1312	A1167
Name/Description	Pad /ø3	Pad /ø5	Pad /ø7	Pad /ø10	Pad /ø3	Pad /ø5	Pad /ø7

Figure



Maximum item weight	20g (0.71oz.)	-	120g (4.23oz.)	-	20g (0.71oz.)	-	120g (4.23oz.)
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Applications	Ics (40 pins or more)	-	Large Ics /LSIs	-	Ics (40 pins or more)	-	Large Ics /LSIs
Set Examples							

*The maximum pickup performance shown above slightly differs depending on the surface of the object.

