

**Requires no air and power sources at factory!**  
**Uses a very small, but powerful pump to ensure secure pickup !**



## Features

The built-in very small, but powerful pump eliminates the needs of a power cord and air tube.

The cordless vacuum pickup allows you to do your work at any location.

**HAKKO 394** can be easily handled for continuous pickup.

It provides soft-feel switches and its pen-like shape fits your hand.

Anti-static materials are used to ensure that **HAKKO 394** can be used for ESD sensitive components.

## Applications

- Semiconductor-related work
- Handling of SMD components
- Mounting onto PCBs
- Transfer of ICs
- Others



## Applicable

for Chip Components  
(With A1164 Bent Nozzle)

The nozzle is equipped with a stopper so that the nozzle end cannot stick through the pad. It prevents the nozzle end from damaging the components and ensures the pickup without fail.

## ● Pickup Power

Pad Size (Part Number)	Maximum Item Weight
3 mm (A1166)	6 gf
5 mm (A1312)	40 gf
7 mm (A1167)	80 gf
10 mm (A1311)	120 gf

Note: The maximum item weight shown above slightly differs depending on the surface of the object.

## ● Service life of battery

Pickup repetition limit *1	Continuous pickup time *2
Approx. 30,000 pickup times (With alkaline batteries)	Approx. 15 hours

\*1 26 mm x 26 mm QFP is pickup for 2 seconds using a 10 mm dia. pad and then released for 1 second. This cycle is repeated continuously until the QFP is no longer picked up.

\*2 This is the time period from the moment 26 mm x 26 mm QFP starts being pickup using a 10 mm dia. pad to the moment the QFP drops.

## ● Specifications

Model No.	394
Power supply	AAA alkaline battery x 2
Suction Capacity	120 gf (With pad/10 mm)
Outer Dimensions	130 mm x 29 mm x 22 mm
Weight	Approx. 43 g (Not including Batteries)
Accessories	Bent Nozzle/1.1mm (with stopper).....1 Pad/5 mm.....1 Pad/10 mm.....1 AAA alkaline battery .....2

Note: This product uses anti - static materials.

## ● Option/Replacement Parts

Part No.	Name	Specifications
A1164	Bent Nozzle/0.4 mm	
A1165	Bent Nozzle/1.1 mm	With stopper
A1166	Pad/3 mm	
A1312	Pad/5 mm	
A1167	Pad/7 mm	
A1311	Pad/10 mm	
A1486	Straight Nozzle/1.1 mm	With stopper



\* Due to continuing product improvement efforts, specifications and external appearance are subject to change without notice.  
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CA00110AB001 2001.5

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