## HAKKO 392 VACUUM PICK-UP ESD SAFE

### Outlet-Powered Type


- Outlet-powered suction pick-up tool with built-in vacuum pump
- The pick-up capacity can be increased up to 230 gf with an optional pad.

## HAKKO 393 VACUUM PICK-UP

### Dropper Type


- Portable, easy-to-carry manual dropper-type vacuum pick-up
- Maximum pick-up capacity of 40 gf
- Uses antistatic material

## HAKKO 394 VACUUM PICK-UP

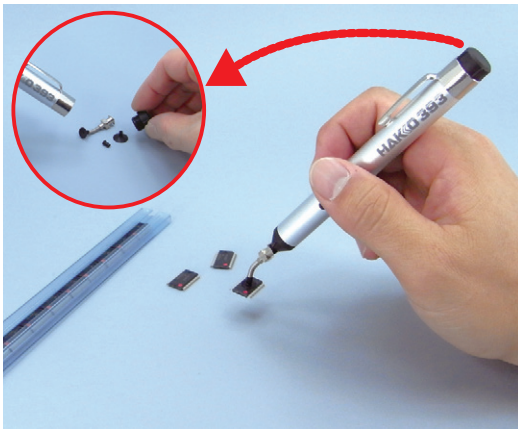
### Battery-Powered Type


- Battery-powered suction pick-up tool with built-in vacuum pump
- Maximum pick-up capacity of 120 gf
- Uses antistatic material

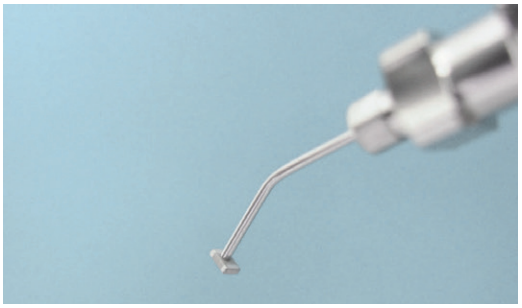
## Usage Example

### HAKKO 392


### HAKKO 393




### HAKKO 394



With the bent nozzle accessory, 0603-size components can be picked up.


## Replacement Pads and Nozzles

| Part No. | Name | Specifications |
|---|---|---|
| A1164 | Bent nozzle | 0.4 mm |
| A1165 | Bent nozzle | 1.1 mm with stopper |
| A1198 | Bent nozzle | 0.26 mm |
| A1486 | Straight nozzle | 1.1 mm with stopper |
| A1166 | Pad | 3 mm |
| A1312 | Pad | 5 mm |
| A1167 | Pad | 7 mm |
| A1311 | Pad | 10 mm |

## Packing List

| | |
|---|---|
| **392** | Unit, 0.4 mm diameter Bent nozzle, 1.1 mm diameter Bent nozzle, 3 mm diameter Pad, 7 mm diameter Pad, Instruction manual |
| **393** | Unit, 1.1 mm diameter Bent nozzle with stopper, 3 mm diameter Pad, 7 mm diameter Pad, 10 mm diameter Pad, Instruction manual |
| **394** | Unit, 1.1 mm diameter Bent nozzle with stopper, 5 mm diameter Pad, 10 mm diameter Pad, two AAA Alkaline batteries (for trial), Instruction manual |

## Specifications

| Model No. | 392 |
|---|---|
| Power consumption | 5 W |
| Maximum pressure | 37.3 kPa (280 mmHg) |
| Pad | Conductive silicone rubber |
| Dimensions | Station: 132 (W) × 83 (H) × 170 (D) mm<br>Pen: ø10 × 123 (L) mm<br>Hose: 1.1 m |
| Weight* | Station: 1.65 kg<br>Pen: 25 g |

* Without cord, nozzle and pad

| Model No. | 393 |
|---|---|
| Pad | Conductive silicone rubber |
| Dimensions | ø13 mm × 132 mm |
| Weight* | 19.2 g |

* Without nozzle and pad

| Model No. | 394 |
|---|---|
| Power supply | Two AAA batteries |
| Pad | Conductive silicone rubber |
| Battery life | Approx. 30,000 suctions (with alkaline batteries) |
| Suction capacity | 120 gf (with a pad diameter of 10 mm) |
| Dimensions | 130 (W) × 29 (H) × 22 (D) mm |
| Weight* | 43 g |

* Without batteries, nozzle and pad