

392 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.

393

Dropper Type



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

394

Battery-Powered Type



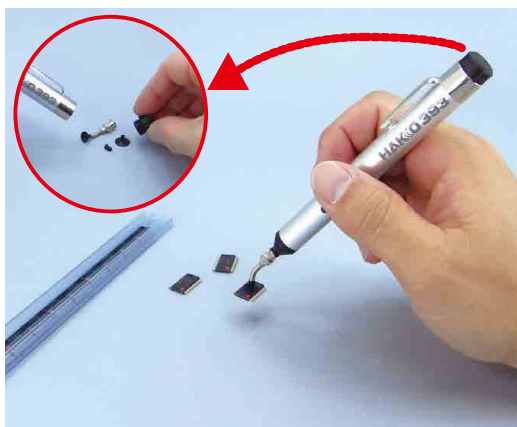
- Battery-powered suction pick-up tool with built-in vacuum pump
- Maximum pick-up capacity of 120 gf
- Uses antistatic material

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, ϕ 0.4 mm bent nozzle, ϕ 1.1 mm bent nozzle, ϕ 3 mm pad, ϕ 7 mm pad, Instruction manual
393	Unit, ϕ 1.1 mm bent nozzle with stopper, ϕ 3 mm pad, ϕ 7 mm pad, ϕ 10 mm pad, Instruction manual
394	Unit, ϕ 1.1 mm bent nozzle with stopper, ϕ 5 mm pad, ϕ 10 mm 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) \times 83 (H) \times 170 (D) mm Pen: ϕ 10 \times 123 (L) mm Hose: 1.1 m
Weight*	Station: 1.65 kg Pen: 25 g

* Without cord, nozzle and pad

Model No.	393
Pad	Conductive silicone rubber
Dimensions	ϕ 13 mm \times 132 mm
Weight*	19 g

* Without nozzle and pad

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

* Without batteries, nozzle and pad