

# HAKKO 950 ESD SAFE

SMD HOT TWEEZER



- Available for your HAKKO 936, 937, 701, 702B, 928 stations.
- Direct heating; less influence upon surrounding components on crowded boards.
- Easy removes SMD chips and flat pack's up to 25mm.
- The collet allows easy replacement and alignment of the tips.

\* The HAKKO 950 is not included with the stations.

**Operation**    **Easy Replacement of Tip**    **Easy Alignment of Tip**    **Recommended Iron Holder**



No.C1313

### Specifications

Output Voltage	AC 24V
Power Consumption	50W
Temperature Range	200-400°C
Standard Tip	A1378 (Chip 2L)
Tip to Ground Resistance	< 2Ω
Tip to Ground Potential	< 2mV (Typ.0.6mV)
Heating Element	Ceramic Heater
Total Length (w/o cord)	186mm
Weight (w/o cord)	93g

### Packing List

Model Name	Contents
HAKKO 950	SMD hot tweezers .....1
	Heat resistant pad .....1
	Tip alignment tool .....1

### Replacement Tips

Unit : mm

Part No.	Name	A(a)	T	H	Size A (a) x T (Thickness) x H (Height)
A1379	Tip/Chip 1L	1.0	1.0	13.0	
A1378	Tip/Chip 2L	2.0	1.0	13.0	
A1388	Tip/Chip 0.5C	1.5(0.5)	1.0	13.0	
A1389	Tip/Chip 0.5I		R0.25	18.5	
A1390	Tip/Chip 4L	4.0	1.0	8.0	
A1391	Tip/Chip 6L	6.0	1.0	8.0	
A1380	Tip/Chip 8L	8.0	1.0	8.0	
A1381	Tip/Chip 10L	10.0	1.0	8.0	
A1382	Tip/Chip 13L	13.0	1.0	8.0	
A1392	Tip/Chip 15L	15.0	1.0	8.0	
A1383	Tip/Chip 18L	18.0	1.0	8.0	
A1384	Tip/Chip 20L	20.0	1.0	8.0	
A1385	Tip/Chip 25L	25.0	1.0	8.0	

# HAKKO MACH-FP

FP DESOLDERING



- The economical iron for desoldering flat packages.
- The answer to every professional engineering need.
- The ceramic heating element provides faster heat transmission and excellent insulation.



### Specifications

Model No.	924
Power Consumption	55W
Heating Element	Ceramic Heater
Insulation Resistance	> 100mΩ
Total Length (w/o cord)	210mm
Weight (w/o cord)	60g

\* Tip is an optional part.

### Optional Tips

Please refer to page 25 (for SMD Desoldering).