



FX-9703

MICRO SOLDERING HANDPIECE

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The new **HAKKO FX-9703 Micro Soldering Handpiece** works with the FX-971 & FX-972 Soldering Stations. A precision micro soldering iron with quick recovery time and 70W of power. This micro handpiece is ideal for soldering micro components especially when soldering under a microscope. 8 different tip variations for soldering components. The FX-9703 Micro Handpiece is the latest innovation in micro soldering.

**Tips Sold Separately.*

SOLDERING



FEATURES & BENEFITS

- 70W Micro Soldering Handpiece
- The slim and shorter handpiece is an ideal option for operators working under the microscope
- Offering 8 T50 tip types for all your micro soldering needs



SPECIFICATIONS For Part No. FX9703-81

HANDPIECE	
Tip Series	T50 Series see below
Station Compatibility	FX-971 see page 20 & FX-972 see page 21
Power Consumption	70 W / 24 VAC
Tip-to-Ground Resistance	< 2 Ω
Leak Voltage	< 2 mV
Heating Element	Composite heater

FX9703-011 MICRO SOLDERING HANDPIECE KIT

Includes everything shown in picture.



The **HAKKO FT-720 Tip Cleaner** provides quick and effective cleaning of soldering iron tips with sensor activated counter-rotating brushes, which remove tip oxides, debris, and excess solder without damaging the tip plating.
**Sold Separately*



**IRON HOLDER
w/ Brass Wire & Sponge**
P/N: FH215-011



CONTENTS For Part No. FX9703-011 (Complete Kit w/ Micro Handpiece & Holder)

Part No.	Description
FX9703-81 FH215-011	FX-9703 Micro handpiece Holder + brass wire & sponge

Also Available: **FX-9704** Part No. **FX9704-81**
N₂ COMPATIBLE MICRO SOLDERING IRON [see page 37](#)

T50 SERIES TIPS



**MICRO SOLDERING
HANDPIECE**
P/N: FX9703-81



T50 SERIES TIPS FOR USE WITH THE FX-9703 & FX-9704 HANDPIECES

UNIT: mm(inch)

Tip Part No.	Tip Shape	Dimensions (mm)	Dimensions (inch)	Notes
T50-D02	(Chisel)	Tip diameter: 0.2 (0.008), Length: 5.5 (0.22)	Tip diameter: 0.1 (0.004), Length: 0.1 (0.004)	Nozzle Assy A: N2 B5337, Nozzle Assy B: N2 B5338
T50-D04	(Chisel)	Tip diameter: 0.4 (0.02), Length: 5.5 (0.22)	Tip diameter: 0.2 (0.008), Length: 0.2 (0.008)	Nozzle Assy A: N2 B5337, Nozzle Assy B: N2 B5338
T50-D06	(Chisel)	Tip diameter: 0.6 (0.024), Length: 6 (0.24)	Tip diameter: 0.2 (0.008), Length: 0.2 (0.008)	Nozzle Assy A: N2 B5337, Nozzle Assy B: N2 B5338
T50-D1	(Chisel)	Tip diameter: 0.1 (0.004), Length: 6 (0.24)	Tip diameter: 0.2 (0.008), Length: 0.2 (0.008)	Nozzle Assy A: N2 B5337, Nozzle Assy B: N2 B5338
T50-I01	(Conical)	Tip diameter: 0.1 (0.004), Length: 5.5 (0.22)	Tip diameter: 0.1 (0.004), Length: 0.1 (0.004)	Nozzle Assy A: N2 B5337, Nozzle Assy B: N2 B5338
T50-J01	(Bent)	Tip diameter: 0.1 (0.004), Length: 3 (0.12)	Tip diameter: 0.1 (0.004), Length: 0.1 (0.004)	Nozzle Assy A: N2 B5337
T50-KU	(Knife)	Tip diameter: 0.15 (0.006), Length: 7 (0.28)	Tip diameter: 0.1 (0.004), Length: 0.1 (0.004)	Nozzle Assy A: N2 B5337
T50-KN	(Knife)	Tip diameter: 0.15 (0.006), Length: 8.5 (0.33)	Tip diameter: 0.8 (0.03), Length: 0.8 (0.03)	Nozzle Assy A: N2 B5337

Note: Nozzle Assy A & B may be used with the T50 tips (D02, D04, D06, D1 & I01). Use Nozzle Assy A when using the tip parallel to the board or when Nozzle Assy B interferes with surrounding components.

Nozzle Assy A



Nozzle Assy B



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