

IH Micro Hot Tweezers Handpiece - Hakko FX-1003-81

Item no. HK-FX-1003-81

Manufacturer Hakko

EAN 4962615057052

Kein Produktbild

Compact IH micro hot tweezers handpiece designed for precision rework on 0402 components. Features ergonomic asymmetric design, four alignment types for secure tip contact, and compatibility with T38 series desoldering tips. Connects to FX-100 induction soldering station.

TECHNICAL DATA

Country of Manufacture	Japan
HS-Code	85151100
Power	50 W
Temperature (max.)	bis 450 °C
Temperature range	350-450 °C
Weight	0.1 kg

DESCRIPTION

OVERVIEW

The Hakko FX-1003-81 is a micro hot tweezers handpiece engineered for precision rework applications on miniature components. Part of Hakko's IH (High-Frequency Induction Heating) soldering system, this handpiece delivers world-class thermal performance without temperature degradation, making it ideal for 0402 and smaller component rework.

KEY FEATURES

- World's smallest class IH micro hot tweezers for comfortable 0402 rework
- Four alignment types ensure secure contact between tips and micro components, maximizing heat transfer
- Ergonomic, compact asymmetric design with heat-resistant covers for reduced operator fatigue
- Compatible with extensive T38 series tip lineup for diverse rework applications
- Connects to FX-100 induction soldering station for consistent thermal performance
- No temperature setting or calibration required—tip temperature is fixed by tip series
- Multifunctional iron holder with AUTO SLEEP and AUTO SHUTOFF functions
- Integrated cleaning tool for entire micro tip maintenance
- ESD-safe design for sensitive component protection

TECHNICAL SPECIFICATIONS

Handpiece Model	FX-1003-81
Compatible Station	FX-100 IH Induction Soldering Station
Compatible Tips	T38 series desoldering tips
Tip Alignment Types	4 types
Design	Compact, asymmetric with heat-resistant covers
ESD Safe	Yes
Country of Origin	Japan

APPLICATIONS

The FX-1003-81 is ideal for precision rework on miniature surface-mount components, particularly 0402 and smaller packages. Its micro tweezers design and precise tip alignment make it suitable for electronics manufacturing, repair, and prototyping environments where thermal stability and component protection are critical.

SCOPE OF DELIVERY

- FX-1003-81 micro hot tweezers handpiece
- T38 series tips (set of 2)
- Multifunctional iron holder with AUTO SLEEP/AUTO SHUTOFF
- Integrated cleaning tool
- Instruction manual