

N2 Soldering Iron 95W 24V - Hakko FX-9702-811

Item no. HK-FX-9702-811

Manufacturer Hakko

EAN 4962615059636

Professional N2 soldering iron delivering 95W at 24V for use with Hakko FX-971, FX-972, and FX-973 soldering stations. Heated nitrogen gas technology improves lead-free solder wettability, prevents oxidation, and provides preheating effect for superior joint quality.

TECHNICAL DATA

Country of Manufacture	Japan
HS-Code	85151100
Weight	0.01 kg

DESCRIPTION

OVERVIEW

The Hakko FX-9702-811 is a professional N₂ soldering iron designed for use with Hakko FX-971, FX-972, and FX-973 soldering stations. This 95W, 24V handpiece utilizes heated nitrogen gas technology to enhance soldering performance, particularly for lead-free solder applications where wettability and spreadability are critical.

KEY FEATURES

- Heated nitrogen gas improves solderability and reduces solder bridging on difficult-to-solder components
- Prevents oxidation of components and soldering tips through continuous N₂ gas discharge
- Preheating effect allows soldering at lower temperatures without sacrificing work efficiency
- Compatible with T39 series soldering tips and nozzle assemblies
- Requires separate N₂ generator (FX-780 or FX-781) and flowmeter (FX-791)
- Includes iron holder (FH 215-81), cleaning sponge (A 5038), and metal mesh (A 1561)

TECHNICAL SPECIFICATIONS

Power Rating	95 W
Voltage	24 V DC
Compatible Stations	FX-971, FX-972, FX-973
Compatible Tips	T39 series

Gas Type	Heated Nitrogen (N ₂)
Country of Origin	Japan

APPLICATIONS

Ideal for lead-free soldering, fine-pitch component assembly, and applications requiring superior wettability and oxidation prevention. The N₂ technology is particularly effective for challenging solder joints where traditional air-based soldering produces bridging or poor flow characteristics.

SCOPE OF DELIVERY

- FX-9702-811 N₂ soldering iron handpiece
- FH 215-81 iron holder
- A 5038 cleaning sponge
- A 1561 metal mesh