

High-Power Soldering Iron 140W 24V - Hakko FM-2030-02

Item no. HK-FM2030-02

Manufacturer Hakko

EAN 4962615038259

High-powered 140W soldering iron with exceptional heat capacity for demanding applications including power-supply boards, heat sinks, shield cases and coaxial cables. Compatible with T22-series tips and FM-203/FM-206 stations.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Japan
HS-Code	85151100
Note	Es gibt keine Lieferung von Hakko Produkten in die Schweiz
Weight	0.0099 kg



DESCRIPTION

OVERVIEW

The Hakko FM-2030-02 is a composite-type high-powered soldering iron delivering 140W of heating capacity at 24V. Engineered for demanding industrial applications, it combines exceptional heat capacity with an ergonomic, thin grip design that reduces hand fatigue while protecting users from radiant heat. This iron is ideal for soldering large components such as power-supply boards, heat sinks, shield cases, and coaxial cables, while remaining versatile enough for micro-component work on multilayer PCBs.

KEY FEATURES

- 140W high-power output with superior heat capacity for rapid thermal recovery
- Composite construction with built-in heater element in iron tip
- Thin, ergonomic grip design with hand-protection features
- Compatible with 16 different T22-series soldering tips for versatile applications
- Suitable for both large-scale and micro-component soldering
- Significantly reduces production time compared to standard irons
- Operates at 24V for safe, controlled power delivery
- Connects to FM-203 or FM-206 dual-channel soldering stations

TECHNICAL SPECIFICATIONS

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Power Output	140W
Voltage	24V DC
Temperature Setting	Up to 350°C
Compatible Tips	T22-series (16 types available)
Tip Shape Reference	Shape-2.4D
Station Compatibility	FM-203 (Channel D), FM-206 (Channels 2-3)
Country of Origin	Japan

APPLICATIONS

The FM-2030-02 excels in high-demand soldering environments including power-supply board assembly, thermal management component attachment (heat sinks), electromagnetic shielding installation, coaxial cable termination, and precision work on multilayer PCBs with mixed component sizes. Its rapid thermal recovery makes it particularly valuable in production environments where cycle time is critical.

SCOPE OF DELIVERY

- FM-2030-02 soldering iron with built-in heater
- FH 200-01 iron holder with stand-by function
- 599B-02 tip cleaner
- Instruction manual