Hakko 980 (980F-V22A) Dual Power Soldering Iron

20 W Normal / 130 W Boost | Ceramic Heater | Boost Switch | 220 V Model



1. GENERAL DESCRIPTION

The Hakko 980 (model 980F-V22A) is a dual-power soldering iron that works at 20 W in normal operation and can be boosted to 130 W by pressing a boost switch. The boost gives a very fast heat-up and extra heat when needed, for example when soldering relays, connectors and larger wire joints. The ceramic heating element heats quickly, and the pen-style handle makes it suited to everything from simple repairs of electrical appliances and cable connectors to larger components. The 220 V version is intended for mains supplies of 220–240 V.

2. KEY FEATURES

- Dual power: 20 W in normal use, boosted to 130 W with the boost switch
- Fast heat-up: ready to solder in about 20 seconds when the boost switch is used
- Ceramic heating element for rapid, stable heating and long life
- Boost switch for temporary extra heat, usable for up to 30 continuous seconds
- Standard tip: B-shaped (conical), replaceable; blue body
- Pen-style handle for good control and comfort during repairs

3. APPLICATIONS

- Soldering connectors, relays, terminals and larger wire joints
- Repair and maintenance of electrical appliances and cable assemblies, including coax and telephone connectors
- Electronics repair, prototyping and light industrial soldering

4. SAFETY & COMPLIANCE

- CE — [confirm for the 220 V model]
- RoHS — [Compliant — Directive 2011/65/EU]
- Intended for use with 220–240 V AC mains only [confirm]

5. TECHNICAL SPECIFICATIONS

Brand / Model	Hakko 980 — 980F-V22A (V22 = 220 V version) [confirm exact model code]
Power Consumption	20 W (normal operation), up to 130 W (boost)
Voltage	220 V AC
Heating Element	Ceramic heater
Temperature Range	[240 – 540 °C (464 – 1004 °F)]

Heat-Up Time (boost)	About 20 seconds
Max. Continuous Boost	30 seconds
Standard Tip	Shape B (replaceable)
Handle Type	Pen style
Body Colour	Blue

6. OPERATING INSTRUCTIONS & SAFETY

- Check that the voltage on the rating label matches your mains supply before connecting.
- Place the iron in its stand when not in use; the tip and element remain very hot after use. Never touch the tip or leave the iron on a flammable surface.
- Use the boost switch only for short bursts (up to 30 seconds), then release it and allow the iron to stabilise.
- Tin the tip and wipe it on a damp sponge or brass wool; replace worn or damaged tips.
- Solder in a well-ventilated area; unplug and allow to cool before changing the tip or storing.