Strict temperature management

Digital display
The HAKKO’s digital display makes it easy to check the set temperature at a glance.

Password function
Settings can be locked using a password to prevent unauthorized changes. Of course, it’s possible to prevent all editing of current settings through a simple lock function which makes a display of usage based only for your reference.

Present mode
This feature is very convenient when you want to change the set temperature in a particular work area, component, or for shape. Simply select the desired temperature from a selection of preset temperatures registered in advance. Up to 10 preset temperatures can be registered. Present mode can save you trouble and improve work efficiency.

Adjustment mode
Temperature adjustment is a standard part of any digital quality control system. With adjusted basic mode, which is used to be a stable point, the time required for bringing the temperature to FX8882 is reduced to 100%.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Temperature Settings</th>
<th>Power Consumption</th>
<th>Mass</th>
<th>Appearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>FX8882</td>
<td>300°C</td>
<td>20W</td>
<td>0.5kg</td>
<td>Blue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>300°C</td>
</tr>
<tr>
<td>Power consumption</td>
<td>20W</td>
</tr>
<tr>
<td>Mass</td>
<td>0.5kg</td>
</tr>
<tr>
<td>Appearance</td>
<td>Blue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>The specifications are subject to change at any time without notice.</td>
</tr>
</tbody>
</table>

HEAD OFFICE
JAPAN
HAKKO CORPORATION
Kamakura City, Kanagawa Prefecture, Japan
http://www.hakko.com

OVERSEAS AFFILIATES

<table>
<thead>
<tr>
<th>Country</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>1000 HAKKO Way, Brea, CA 92821, USA</td>
</tr>
<tr>
<td>Germany</td>
<td>HAKKO-Rieke GmbH, HAKKO-Rieke Str. 11, 49603, Germany</td>
</tr>
</tbody>
</table>

For more information, please visit the official HAKKO website.

http://www.hakko.com

Specifications and designs are subject to change without notice. Hakko Corporation reserves the right to make any modifications or improvements to any product without prior notification.
Excellent thermal recovery

Heater output has been increased by 50% compared to that of the conventional model HAKKO FX-885. The FX-888D delivers excellent thermal recovery by using 18W similar to the Soldering Station.

Thermal recovery graph: Flow time is 80% to 90% faster and tip temperature is reduced during successive rework.

- Tip: B.
- Tip: C.

- Stainless steel.
- Low copper.
- Silver.

- Upper: 0.8mm, lower: 0.3mm

- Soldering temperature: 250°C.
- Tip temperature: 550°C.
- Time: 5s.
- T: 48s.
- U: 25s.
- D: 32s.

- 25°C.
- 10°C.
- 0°C.
- 0°C.
- 10°C.
- 25°C.
- 40°C.
- 55°C.
- 70°C.
- 90°C.
- 110°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.

- 0°C.
- 10°C.
- 20°C.
- 30°C.
- 40°C.
- 50°C.
- 60°C.
- 70°C.
- 80°C.
- 90°C.
- 100°C.
Excellent thermal recovery

Heater output has been increased by 50% compared to the conventional Hakko FX-888D. The new FX-888D delivers excellent thermal recovery by using a new heater for a faster and more stable temperature rise.

**Thermal recovery graph:**
- Time to 90% of the set temperature is reduced due to increased heater output.
- The fin design contributes to efficient heat dissipation.

**Designed to be User-friendly**

- **Small footprint:** Compact design makes it easy to integrate into a wide range of applications.
- **Iron holder with full function:** Can be rotated 360° for easy access to the soldering iron.

**Single and easy operation**
- Converts to a standing position and can be operated vertically.
- Can be used with standard Hakko soldering stands.

**Vary of applications (optional accessories):**
- Can be used with Hakko's line of accessories for various applications.

**Glossary:**
- DNT: Heat-treated iron holder
- PLMT: Hakko tip locator
- NTSX: Hakko tip connector

---

**Replacement Tips:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T18-B</td>
<td>4.1</td>
</tr>
<tr>
<td>T18-SB</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C7</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C9</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C10</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C3</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C4</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-C5</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-BL</td>
<td>4.1</td>
</tr>
<tr>
<td>T18-S4</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-S6</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-D09</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-D12</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-D24</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-DL3</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-DR2</td>
<td>3.1</td>
</tr>
<tr>
<td>T18-K</td>
<td>3.1</td>
</tr>
</tbody>
</table>

---

**Notes:**
- Contact Hakko for further information and details.
- Hakko may adjust specifications and design without notice.
- Hakko does not guarantee the accuracy of translations or interpretations.
**Excellent thermal recovery**

Heater output has been increased by 30% compared to that of the conventional model HAKKO FX-8850. The FX-888D delivers excellent thermal recovery by using 180w heater for the soldering tip. The mass of the body and the tip are reduced, which contributes to the high thermal recovery of the heater. The higher heater output provides more stable soldering heat transfer and reduces the time required to reach the same temperature. A high SN ratio and high thermal recovery are achieved as the heater is well apart from the tip. The tin exit temperature is 4% lower than that of the FX-8850, which is an important factor in reducing the risk of damaging the soldering tip.

**Replacement Tips - T18 Series**

**T18-B**

**T18-8B**

**T18-C06**

**T18-C1**

**T18-C2**

**T18-C3**

**T18-C4**

**T18-C5**

**T18-D12**

**T18-D24**

**T18-DL12**

**T18-DL32**

**T18-S3**

**T18-S9**

**T18-18**

**T18-BR02**

**T18-BR03**

**T18-BR04**

**T18-BR05**

**T18-BR06**

**T18-BR07**

**T18-C15**

**T18-CF15**

**T18-CF2**

**T18-CF3**

**T18-CF4**

**T18-CF15**

**T18-BL**

**T18-S6**

**T18-D08**

**T18-D16**

**T18-CF25**

**Designed to be User-friendly**

- **Breakthrough Design**
  - Compact design: The FX-888D model is 98% smaller than the FX-8850 model, which reduces the overall size of the tool. The new design also helps to improve stability and reduce the risk of overheating.

- **Iron holder with full of functions**
  - The iron holder is equipped with a variable speed control, which allows the user to adjust the speed of the ironholder according to the soldering needs. The holder also features a built-in light for improved visibility.

- **Smooth and easy operation**
  - The ironholder is designed to be intuitive and easy to use, with a simple on/off switch and a variable speed dial.

- **Variety of accessories**
  - The FX-888D comes with a variety of accessories, including a carrying case, a interchangeable tip store, and a set of replacement tips. Furthermore, the accessory kit includes a cleaning kit, a replacement tip holder, and a set of replacement tips.

- **No System standby time (SST)**
  - The FX-888D has a low standby power consumption of 10W, which reduces the power consumption during standby.

- **Practical application**
  - The FX-888D is designed for use in a variety of soldering applications, including electronic components, printed circuit boards, and other small-scale soldering tasks.

- **High efficiency**
  - The FX-888D is designed to be energy-efficient, with a high efficiency rating of 85%.

- **For SMT pick and place applications**
  - The FX-888D is designed to be compatible with modern SMT pick and place equipment, making it an ideal tool for high-volume soldering applications.
### Specifications

<table>
<thead>
<tr>
<th>Model name</th>
<th>HAKKO FX-888D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body color</td>
<td>Blue &amp; yellow</td>
</tr>
<tr>
<td>Power consumption</td>
<td>70W</td>
</tr>
<tr>
<td>Temperature range</td>
<td>50-480°C</td>
</tr>
<tr>
<td>Temperature stability</td>
<td>±1°C at idle temperature</td>
</tr>
<tr>
<td>Output voltage</td>
<td>AC 26V</td>
</tr>
<tr>
<td>Dimensions</td>
<td>100(W) x 120(D) x 120(H) mm</td>
</tr>
<tr>
<td>Weight (w/o cord)</td>
<td>1.2kg</td>
</tr>
<tr>
<td>Power consumption</td>
<td>65W (26V)</td>
</tr>
<tr>
<td>Tip to ground resistance</td>
<td>&lt;2Ω</td>
</tr>
<tr>
<td>Tip to ground potential</td>
<td>&lt;2mV</td>
</tr>
<tr>
<td>Standard tip</td>
<td>Shape-B (No.T18-B)</td>
</tr>
<tr>
<td>Heating element</td>
<td>Ceramic heater</td>
</tr>
<tr>
<td>Cord</td>
<td>1.2m</td>
</tr>
<tr>
<td>Total length (w/o cord)</td>
<td>217mm (with B tip)</td>
</tr>
<tr>
<td>Weight (w/o cord)</td>
<td>46g (with B tip)</td>
</tr>
</tbody>
</table>

### Replacement parts

<table>
<thead>
<tr>
<th>Part number</th>
<th>Name/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1559</td>
<td>Cleaning sponge</td>
</tr>
<tr>
<td>A1560</td>
<td>Heating element</td>
</tr>
<tr>
<td>A1561</td>
<td>Cleaning wire</td>
</tr>
<tr>
<td>B1785</td>
<td>Nut</td>
</tr>
<tr>
<td>B2022</td>
<td>Nipple</td>
</tr>
<tr>
<td>B3468</td>
<td>Tip enclosure</td>
</tr>
<tr>
<td>B3474</td>
<td>Rubber cleaner</td>
</tr>
</tbody>
</table>

### ESD specifications

Conductive materials are used for this product as a countermeasure against static electricity, so that it can be used for soldering a static-sensitive electronic component.

### Packing list

- FX-888D Station
- FX-8801 Iron (with No.T18-B)
- Iron Holder (w/cleaning sponge & cleaning wire)*
- Instruction Manual
  *Rubber cleaner sold separately.

---

*Specifications and product appearance may be changed without prior notice for the purposes of improvement.

*The unauthorized reproduction and use of this brochure by any means, whether in whole or in part, is strictly prohibited.