

American Hakko Products, Inc.

PRODUCT BULLETIN

Bulletin No: PB366

Issue Date: 6-23-2015

Available: 7-7-2015

Product Description:

HAKKO FX-801 Ultra Heavy Duty Soldering Station and T33 Series Soldering Tips

Part No:

FX801-02, T33-BC2, T33-BC3, T33-BC4, T33-BC5, T33-BC6, T33-D24, T33-D32, T33-D5, T33-D6

Specification:

| Model | FX-801 |
|-----------------|------------------------------|
| Part No. | FX801-02 |
| Input Voltage | 120 VAC 50/60 Hz |
| Power | 300W |
| Consumption | |
| Temperature | 50°C – 500°C (120°F – 940°F) |
| Range | |
| Temperature | ±5°C (±9°F) at idle |
| Stability | |
| ESD Safe | Yes |
| Safety Approval | |
| | (MET)∘ |
| | c us |



Contents:

| Part No. | Description |
|-----------|------------------------------|
| | FX-801 UHD Soldering Station |
| FX8002-81 | FX-8002 Soldering Handpiece |
| FH200-83 | FH-200 Holder w/599B Tip |
| | Cleaner |
| B3253 | Sleep Connection Cable |
| B2300 | Heat Resistant Pad |
| B2419 | Power Cord |
| | Instruction Manual |

Specifications continued on Page 2



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Specifications (continued):

Station

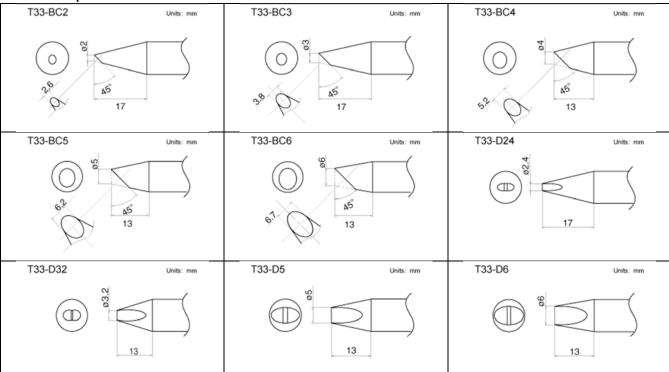
| Output Voltage | 29 V |
|-----------------------------|-----------------------|
| Outer Dimension (W x H x D) | 145 x 107 x 211 mm |
| | (5.7 x 4.2 x 8.3 in.) |
| Weight (w/o Cord) | 3.9 kg (8.6 lb.) |

Handpiece

| nanupiece | | |
|--------------------------------------|-----------------------------|--|
| Model | FX-8002 | |
| Part No. | FX8002-81 | |
| Power Consumption | 260W (29V) | |
| Tip-to-Ground Resistance | < 2 ohms | |
| Tip-to-Ground Potential | < 2 mV | |
| Heater | Composite Ceramic Cartridge | |
| Tips ¹ | T33 Series | |
| Cord Length | 1.2 m (4 ft.) | |
| Total Length (w/o Cord) ² | 228 mm (9.0 in.) | |
| Weight (w/o Cord) ² | 50 g (0.11 lb.) | |

¹Tips not included

T33 Series Tips



Continued on Page 3

² As measured with T33-BC4 Tip installed



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Comments:

The HAKKO FX-801 Ultra Heavy Duty (UHD) Soldering Station is specially designed for the difficult soldering of extremely large mass components such has high current inductor coils, heat sinks, large transformers, shields, and other connections where there is a significant amount of thermal inertia that must be overcome.

The station uses T33 Series Tips that feature 260W composite ceramic heating elements that have a top controlled temperature of 500°C (940°F) and high mass shapes. This combination allows for soldering some of the most challenging solder joints at only 400°C (750°F)... even without preheating!

The station also features up to 6 user programmable preset temperatures and process control lockout with password protection. This helps ensure that only the appropriate soldering iron temperatures are being used and avoids inadvertent changes to the system.

Like other HAKKO soldering stations, the quality and construction of HAKKO brand tips lend the renowned reputation for long tip life to this new series of massive soldering iron tips. The soldering iron holder also includes the standard sleep and auto power off features as well as low temperature alarms. The station also features a large and extremely simple to read display.

For more information please visit us at www.HakkoUSA.com