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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 Consumption	300W
Temperature Range	50°C – 500°C (120°F – 940°F)
Temperature Stability	±5°C (±9°F) at idle
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.)

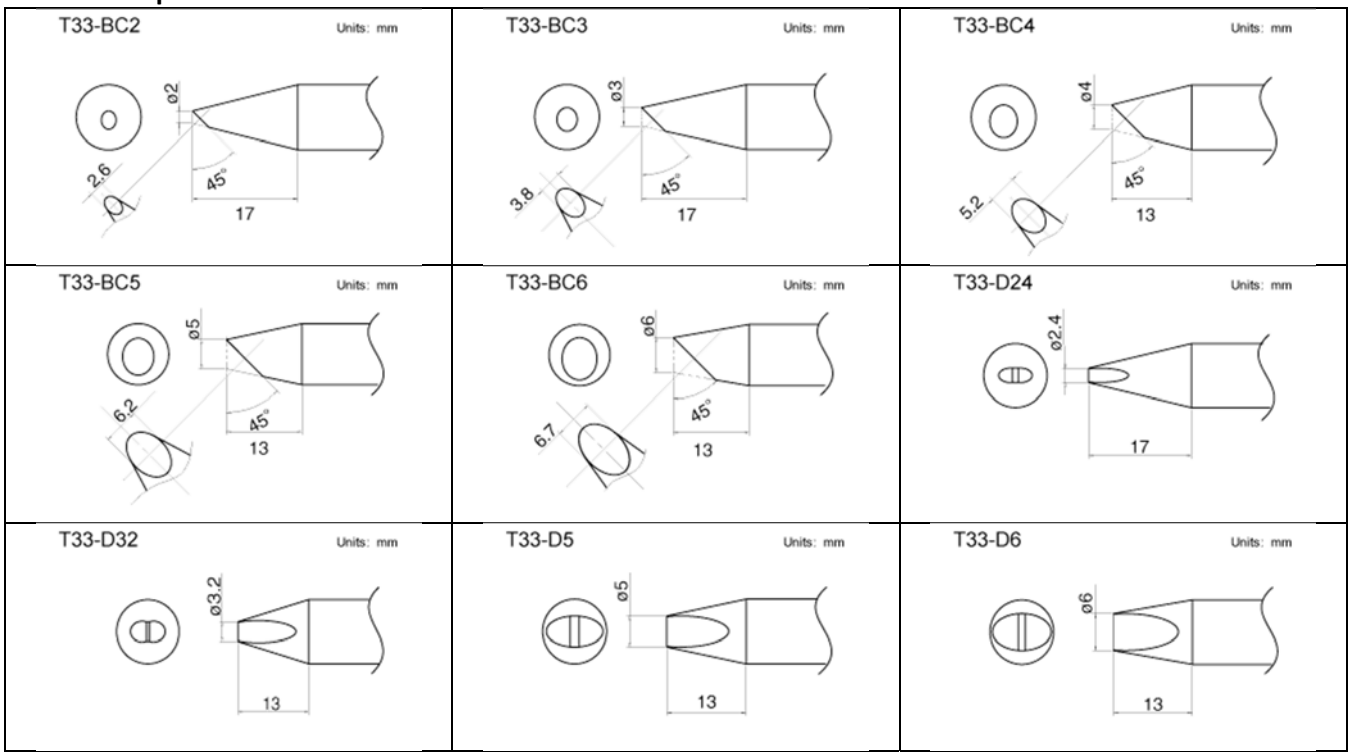
Handpiece

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.)

[1] Tips not included

[2] As measured with T33-BC4 Tip installed

T33 Series Tips



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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

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