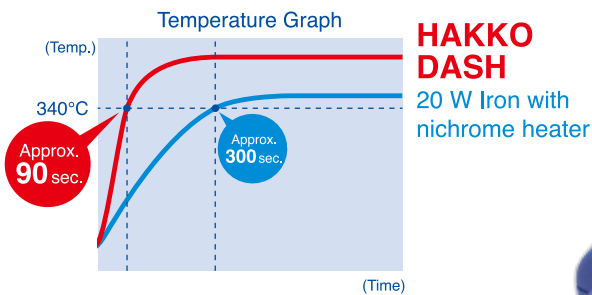


HAKKO DASH
SOLDERING IRON

Ideal for electronic circuit assembly
**A new entry model of
ceramic heater soldering iron**

**Fast Ramp Up! 3 times faster
than nichrome heater model**



*The graph above indicates characteristics of the heaters.

Heating time to reach 340°C

HAKKO DASH 90 sec.

20 W soldering iron with
nichrome heater

300 sec.

Diameter

15 mm

**Slim handle
improves your
work efficiency!**

**HAKKO DASH is supplied with
a 'B' shape tip as standard.**

There are 6 more different shapes
for a variety of works.

Simple and easy tip replacement



Quick change just loosening a screw

Specifications

Model No.	FX-650
Power consumption	15 to 16 W
Heater	Ceramic heater
Standard tip	Shape-B (T34-B)
Total length	224 mm (with B tip)
Weight	60 g (with B tip)

*Length and weight do not include power cord.

Replacement Parts

Part No.	Part name
A5011	Heating element 110 to 120 V
A5013	Heating element 127 V
A5012	Heating element 220 to 240 V

Option

					
Part No.	Part name	Part No.	Part name	Part No.	Part name
FH300-81	Iron holder HAKKO FH-300 with cleaning suponge	633-01	Iron holder HAKKO 633 with cleaning wire HAKKO 599B*	633-02	Iron holder HAKKO 633 with cleaning sponge
Dimensions of base: $\Phi 85 \times 140$ (D) mm Weight: 502 g		Dimensions of base: 84 (W) \times 186 (D) mm Weight: 380 g		Dimensions of base: 84 (W) \times 186 (D) mm Weight: 340 g	

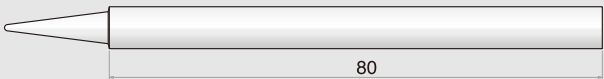
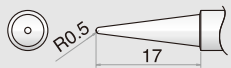
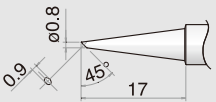



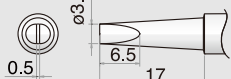

* Cleaning wire HAKKO 599B can be also mounted instead of sponge that is a standard accessory.

* The footprint is $\Phi 85 \times 128$ (D) mm.

* Recommended for Pb free soldering

Replacement tips - T34 series

Unit : mm

		Shape-B	T34-B	Shape-0.8C	T34-C08
					
Shape-2C	T34-C2	Shape-3C	T34-C3	Shape-4C	T34-C4
					
Shape-3.2D	T34-D32	Shape-I			
					

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