

NEW

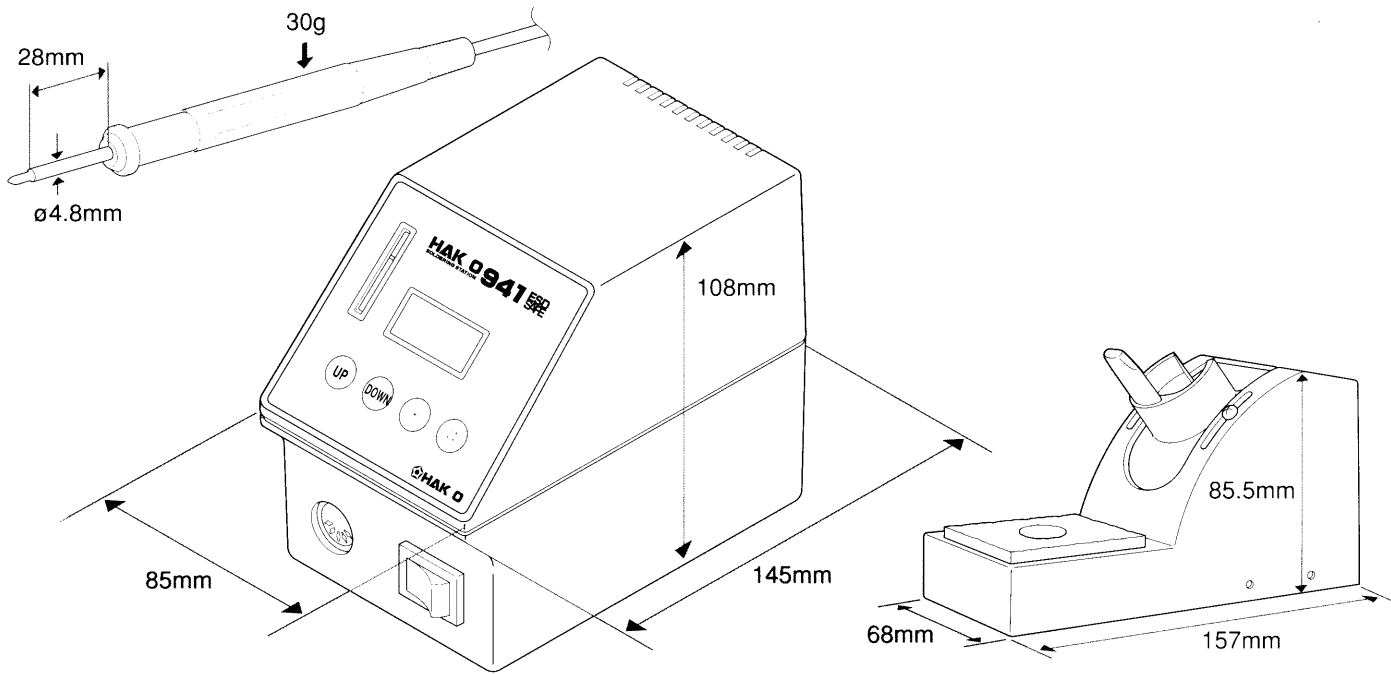
**POWERFUL
PERFORMANCE
FROM A COMPACT UNIT**



The Hakko Corporation is an ISO 9001 certified manufacturer.



COMPACT UNIT.

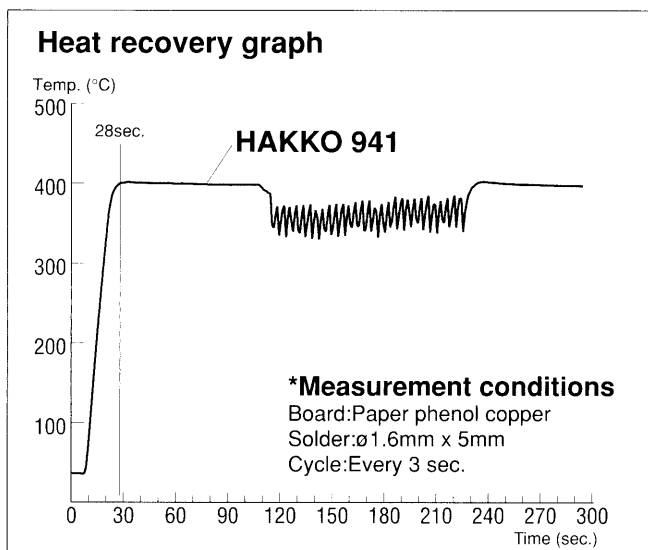


TEMPERATURE.

$\pm 10^{\circ}\text{C}$ temperature accuracy when replacing the tips of the same shape.

SUPERIOR THERMAL RECOVERY.

The small composite tips provide superior heat transfer and thermal recovery characteristics. The figure below illustrates the rapid heating and recovery time of the Hakko 941.



AUTOMATIC POWER SHUT OFF FUNCTION.

When the soldering iron is not used for 30 minutes, the power to the heating element is shut off automatically and a buzzer will be sound three times.

PROCESS CONTROL MADE EASY with the Hakko control card.

Each Hakko 941 comes with a control card. Use the card to enter data. When the card is removed, all parameter settings and the temperature setting are 'locked' in system memory. That not only provides strict process control – the line supervisor retains the card – but also guards against operators making inadvertent changes.

THE LOW TEMPERATURE ALARM FUNCTION.

When soldering a large number of connections where a great deal of heat is called for in a short time, it is possible that the tip temperature could drop below that needed for acceptable solder joints. The exclusive Hakko low-temperature alarm function guards against this condition.

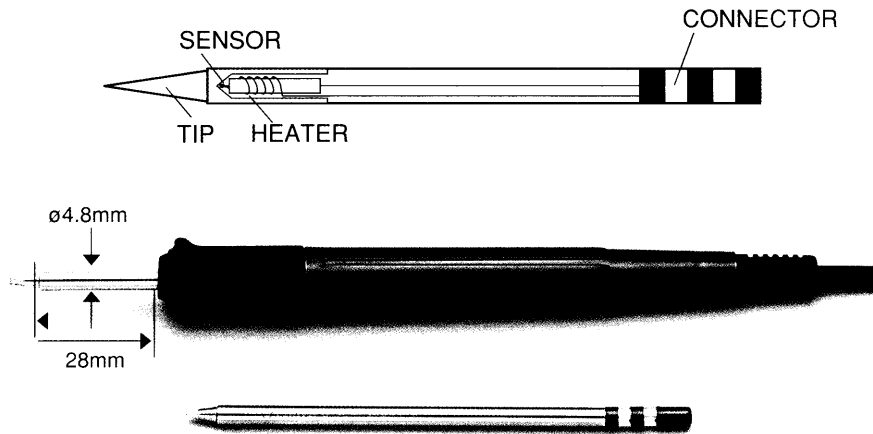
If the sensed temperature falls below a set limit, the audio alarm sounds to alert the operator, and an error message appears on the display.

The low-temperature threshold is set and stored in the Hakko 941 by using the digital data entry keys.

COMPOSITE TIP

WHAT IS A COMPOSITE TIP ?

A composite tip consists of a combined heater and sensor, joined to the tip by a ceramic compound to form a single unit.



SMALL SIZE.

The composite tip is extremely slender. Its diameter is a mere 4.8 mm.

The length from the grip to the end of the tip pipe is 28 mm.

The tip cannot block the operator's view, even when working under a magnifier.

ESD SAFE BY DESIGN.

The grip and case are made of ESD-safe materials. There is no danger of damage to sensitive circuit components due to ESD or EOS.

ENVIRONMENTALLY FRIENDLY, TOO.

The Hakko 941s are packed in materials which are either biodegradable or safe for disposal.

SELECT TIPS AT TIME OF PURCHASE.

Because the application determines the type of tip required, a tip is not included with the Hakko 941.

Twenty different tips are presently available, with more to come. Select the tip or tips that meet your needs when you buy the soldering station.

EASY REPLACEMENT.

No tools required. Simply remove the tip (using the heat-resistant pad) and insert the new tip. There is no need to align the tip – orientation is not a factor.



Specifications

Model Name	941
Power Consumption	50W

Station

Output	15V, 3A
Temperature Range	200°C~450°C / 400°F~840°F
Outer Dimensions	145(l) x 85(w) x 108(h)mm
Weight	1.3kg

Iron

Power Consumption	45W (15V)
Tip to Ground Resistance	under 2 Ω
Tip to Ground Potential *	under 2 mV
Cord	1.2m
Total Length (w/o cord)	172mm (with T1-24D tip)
Weight (w/o cord)	30g (with T1-24D tip)

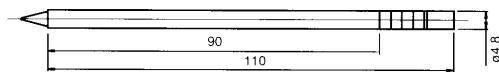
* Method of measurement is in accordance with MIL-STD-2000.

Contents

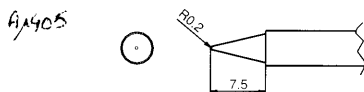
Station Soldering Iron	Accessories
	Power Cord.....1
	Iron Holder with Cleaning Sponge ...1
	Control Card1
	Card Chain.....1
	Heat-Resistant Pad1

* Tips are optional parts.

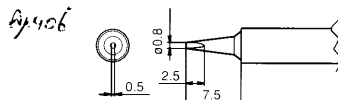
Optional Tips



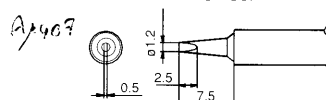
T1-B/SHAPE-B Conical



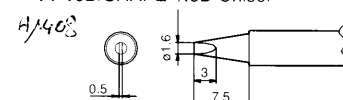
T1-08D/SHAPE-0.8D Chisel



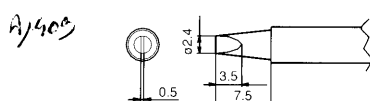
T1-12D/SHAPE-1.2D Chisel



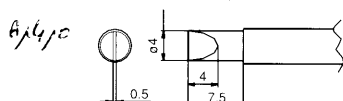
T1-16D/SHAPE-1.6D Chisel



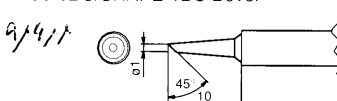
T1-24D/SHAPE-2.4D Chisel



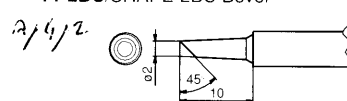
T1-4D/SHAPE-4D Chisel



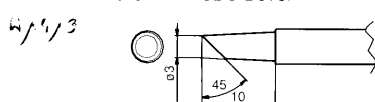
T1-1BC/SHAPE-1BC Bevel



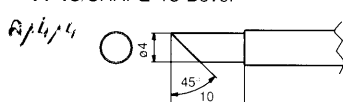
T1-2BC/SHAPE-2BC Bevel



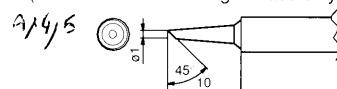
T1-3BC/SHAPE-3BC Bevel



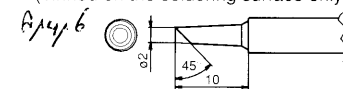
T1-4C/SHAPE-4C Bevel



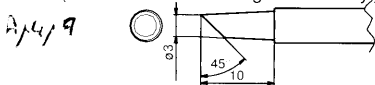
T1-1BCF/SHAPE-1BC Bevel
(Tinned on the soldering surface only.)



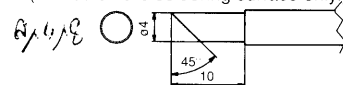
T1-2BCF/SHAPE-2BC Bevel
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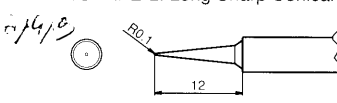
T1-3BCF/SHAPE-3BC Bevel
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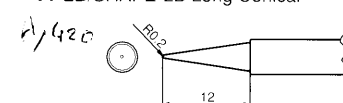
T1-4CF/SHAPE-4C Bevel
(Tinned on the soldering surface only.)



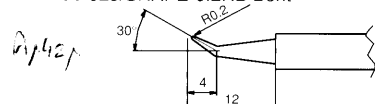
T1-LI/SHAPE-LI Long Sharp Conical



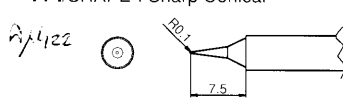
T1-LB/SHAPE-LB Long Conical



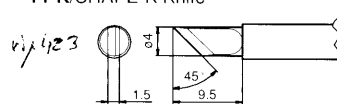
T1-02J/SHAPE-0.2RB Bent



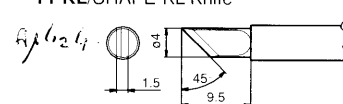
T1-I/SHAPE-I Sharp Conical



T1-K/SHAPE-K Knife



T1-KL/SHAPE-KL Knife



Unit : mm