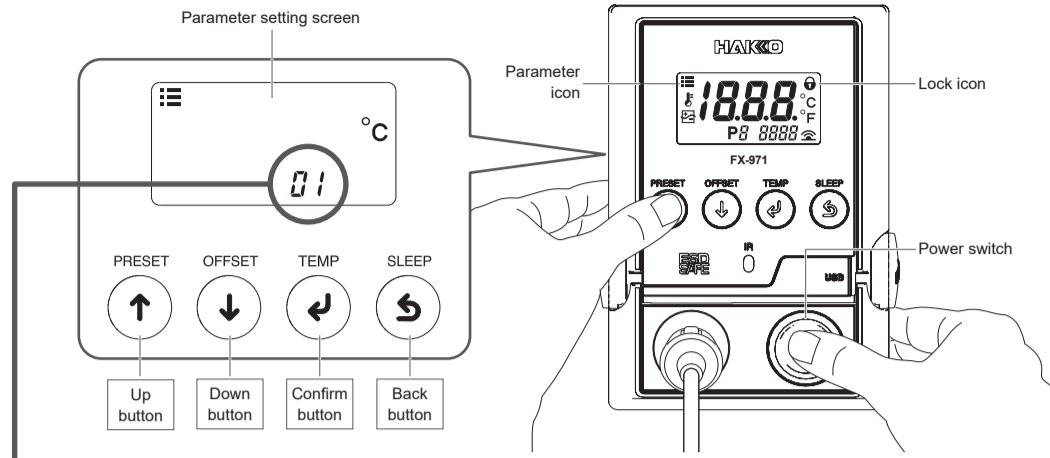








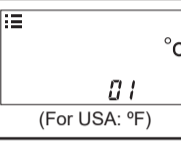

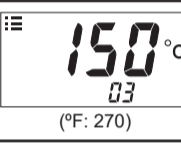
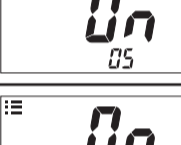
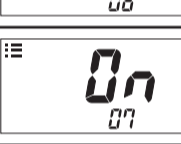

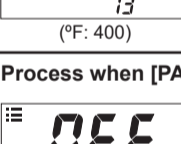

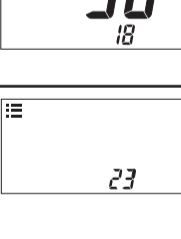



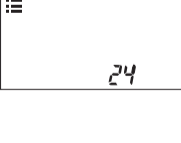
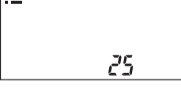





Quick Parameter Settings



- (1) Turn on the power while pressing the  [Up button].
- (2) Select the parameter number using the  [Up button] or the  [Down button].
- (3) Push the  [Confirm button].
- (4) Change the setting using the  [Up button] or the  [Down button].
- (5) Push the  [Confirm button].
- (6) Push the  [Back button].
- (7) The normal screen reappears.

Default values are factory default settings.

Parameter No.	Parameter name/summary	Setting value	Default value Value when implementing No. 25.
01	Display temperature unit Select from °C or °F. ● All set values are converted to the changed display temperature unit.	°C/°F	 °C (For USA: °F)
02	Sleep: Time setting Set the time until the product transitions to sleep mode after the handpiece is placed on the iron holder. ● A shorter set time is more effective for preventing tip oxidation. ● This function is only activated if the temperature is set to 300°C (570°F) or higher. ● The normal screen reappears if you lift the handpiece from the iron holder. The normal screen also reappears if you push an operation button.	1 to 29 min	 06 02
03	Low temp alarm Set the temperature range to notify via buzzer if the tip temperature drops while soldering. ● The buzzer sound cannot be turned off.	30 to 150°C 50 to 300°F	 150 03 (°F: 270)
05	Error alarm set: [On]/[OFF] setting A buzzer sound notifies of soldering iron error [C - E] or sensor error [S - E]. Select [OFF] if you do not wish to use this function.	On/OFF	 0n 05
06	Ready alarm: [On]/[OFF] setting A buzzer sound notifies that the tip has reached the setting temperature. Select [OFF] if you do not wish to use this function.	On/OFF	 0n 06
07	Sleep: [On]/[OFF] setting Set whether or not to automatically transition to sleep mode once the time set in parameter No. 02 is reached.	On/OFF	 0n 07
08	Auto shut-off: [On]/[OFF] setting Set whether or not to automatically turn the product off once the time set in parameter No. 18 is reached.	On/OFF	 OFF 08
13	Sleep: Activation temperature setting Set the tip temperature during sleep configured in parameter No. 02. ● A lower setting temperature is more effective for preventing tip oxidation. ● The normal screen also reappears if you push any operation button.	200 to 300°C 390 to 580°F	 200 13 (°F: 400)
14	Password lock: [On]/[OFF] setting Limit the scope of change using a combination of six characters <i>AbCdEF</i> and three digits. • Select [OFF].....None are locked • Select [On].....Locks all • Select [PAR] > [P].....Locks changes to offset temperature • Select [PAR] > [P].....Locks preset temperature selection • Select [PAR] > [F].....Locks temperature changes via the [TEMP] button	OFF On* PAR*	Process when [PAR] is selected  When [PAR] is selected From (a) to (c), use   to select On/OFF. Enter the password and push  .
18	Auto shut-off: Time setting Set the time until the product transitions to powered down mode after the handpiece is placed on the iron holder. If a time of 30 minutes is set, the buzzer sounds three times every 30 minutes. ● The normal screen also reappears if you push any operation button. ● A shorter set time is more effective for preventing tip oxidation.	30 to 60 min	 30 18
23	Preset temperature: Changing registered temperatures You can register up to five frequently used setting temperatures. This function saves time when changing the setting temperature. Default value: P1 250°C (600°F), P2 300°C (700°F), P3 350°C (750°F), P4 400°C (800°F), P5 450°C (850°F)	50 to 450°C 120 to 850°F	 With  , the display switches between P1 > P2 > P3 > P4 > P5. Change the P2 temperature. Temperature changed
24	Preset temperature: [On]/[OFF] setting Set whether or not to use the preset temperature function for each temperature. Default value: On/P3 350°C ● The [PRESET] button is disabled if you set all five options to [OFF]. ● If you change P3 to [OFF] and push the [PRESET] button in the normal screen, the display switches between P1 > P2 > P4 > P5.	On/OFF	 P1 has been disabled.
25	Initial reset Reset the product to factory default settings.	°C/°F	 When °C is selected

Note

- If the power is turned off while configuring settings, the changes may be lost.
- If you set the password in No. 14, the lock icon appears on the normal screen and a password prompt appears before transitioning to the parameter setting screen. Contact us if you do not know the password.

E-mail: support@hakko.com



This function is convenient for when you want to work within a specified temperature range.

To solder between 320 and 350°C at a setting temperature of 350°C, change the setting value to [30] in No. 03 before beginning soldering. The buzzer will sound, notifying you when the tip sensor temperature is lower than 320°C while soldering. The upper limit is restricted by the setting temperature.

Leave the No. 07 default value set to [On], and set No. 02 and 13 to desired settings.

In sleep and auto shut-off, tip oxidation is prevented, which can extend the tip lifetime.

Set No. 08 to [On], and set No. 18 to desired settings.

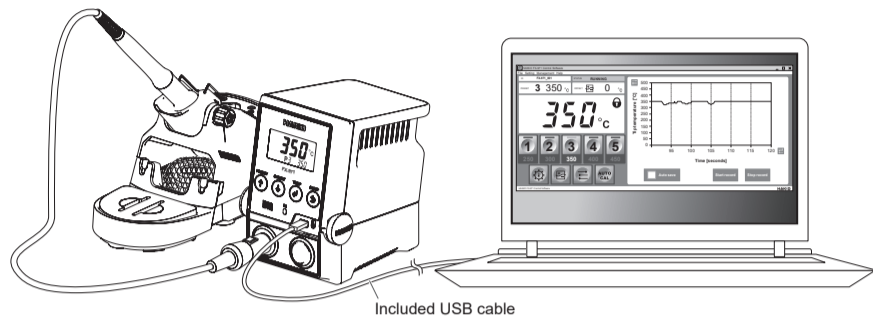
Connecting to a Computer

The following will become available when the software is installed.

- Change the parameter setting value from the PC
- Save the parameter settings as a CSV file
- Copy the saved parameter settings on another unit
- Save the automatic calibration results as a CSV file
- Search the saved automatic calibration results by "Date" or "Number of recent histories," and display the results in a graph
- Monitor the tip temperature and save its history as a CSV file

NOTE Do not use a USB cable that is more than two meters long.

NOTE Only Windows 10 is supported.



■ Installing the software

- (1) Double-click the software (HAKKOControlSoftwareSetup X.X.X.X.exe) downloaded from Online.
- (2) Select a language, and then click [OK]. (Figure 1)
- (3) Check the License Agreement, select [I accept the agreement], and then click [Next]. (Figure 2)
- (4) Follow the on-screen instructions to complete the installation.
- (5) If the software is installed correctly, it will be launched automatically.

Figure 1

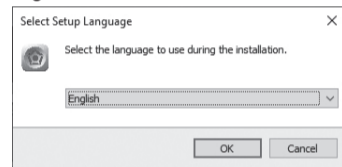
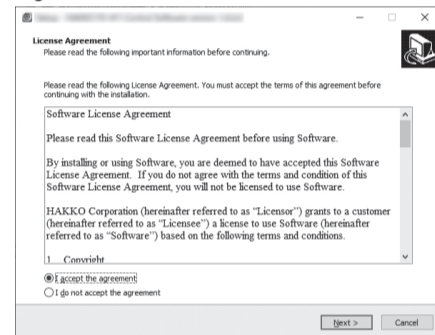


Figure 2



Downloading the Software (Online)

- (1) Go to the HAKKO website and visit [Customer support\Support & service\Login/Signup].



https://www.hakko.com/doc_support-e

- (2) Follow the on-screen instructions to complete user registration. Once user registration is complete, you can use My Page.
- (3) Click [My page (Product registration from here)] to register the product.

NOTE You can only download the software after registering the product.

- (4) Click [Download of product data] from the menu at the top right of the page.
- (5) Select [SOFTWARE] in the document search area.
- (6) Enter the product name as a keyword.
- (7) Select a language, and then click [Search by Condition].
- (8) Click [Download] in the search results.



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