

# AUTO-SOLDERING ROBOHAKKO

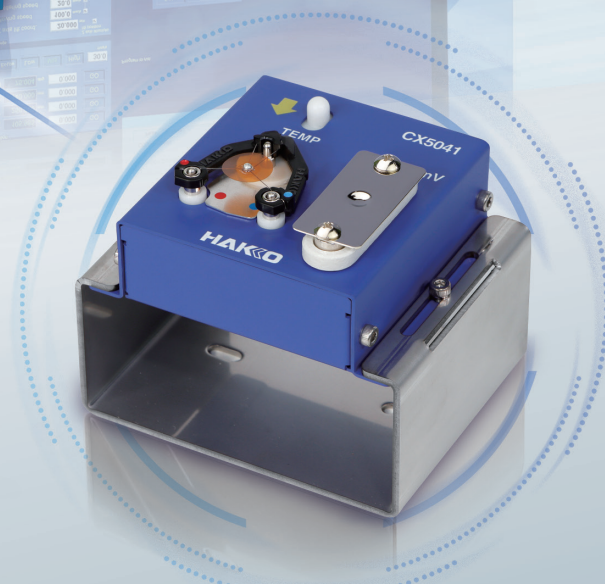


Automated tip temperature measurement  
to improve production efficiency

for **HU-200**

Auto Temperature  
Measurement and  
Adjustment System

**CX5041**



# CX5041

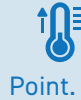
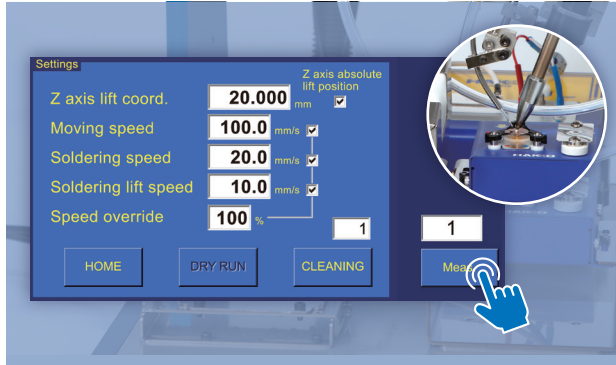
The tip temperature varies between the set temperature and the actual temperature depending on the condition of the tip.

Measuring the tip temperature before operation and making adjustment as necessary will lead **the stability of the soldering quality**.

CX5041 can **automatically measure, adjust and record** **Tip temperature** **Tip to ground resistance** and

**Tip to ground potential** in the production process.

**Automation of the entire soldering process including temperature control, is realized!**



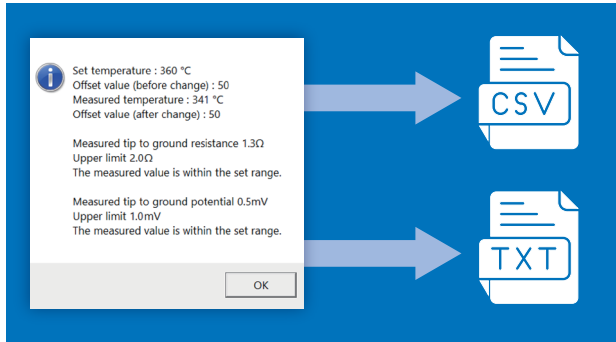
Point. 01

## Automated tip temperature measurement and adjustment

By setting the measurement contents, tip application position and solder feed amount in the program, the tip temperature measurement can be performed automatically at any time.

If there is a difference between the set temperature and the actual tip temperature, it is automatically adjusted (Can be set arbitrarily).

There is no need to stop/pause the equipment and open/close the safety cover.

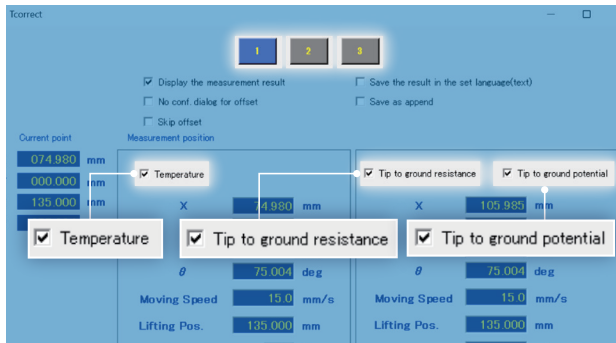


Point. 02

## Automated recording of measurement results

Measurement results are automatically saved for each measurement.

This automates time-consuming tasks such as visual inspection, manual recording in a ledger, and subsequent data input into an Excel file. Thereby it leads to improve work efficiency.



Point. 03

## Three measurement patterns can be set

Measurement items such as tip temperature, tip to ground resistance (leakage voltage), and tip to ground potential can be set arbitrarily.

By setting measurement items in advance, such as tip temperature only or tip temperature and tip to ground resistance, you can call up the necessary settings as necessary.

## Specifications

Part No.	CX5041	
Measurement range	Temperature	0 to 700°C
	Voltage	0 to 40 mV (AC)
	Resistance	0 to 40 Ω
Dimensions	94 (W) × 76 (H) × 75 (D) mm	
Cord length	Grounding wire	62 cm
	Thermocouple compensation cable	82 cm
Weight	440 g	

\*Measurement range is based on the specifications of FG-101B.

\*Weight is measured without cord.

\*Please contact your local distributor for the details.

**FG-101B Soldering tester (sold separately) is required to use CX5041.**



FG-101B