

Dear reflow-ers,

Congratulations on your new Reflowster, a product that wouldn't exist were it not for you, our supporter, and fellow hobbyist who collectively make up the electronics DIY community. Designing, building, and shipping Reflowster to first our Kickstarter backers and now our new customers and supporters has been a truly wonderful experience and we're very excited that you finally have one in your hands.

Please, don't hesitate to contact us with any questions, comments, or suggestions you might have through your use of Reflowster and reflow soldering in general.

Thank you so much for your support, and happy soldering!

Julian & Tony
Team Reflowster

Quick Start Guide

First, situate the thermocouple by slipping it into the underside of the oven and then positioning the tip as close to your PCB as possible using something like a paper clip.

Once the thermocouple is set, plug Reflowster into the wall and your toaster oven into Reflowster. Plug the thermocouple in as well and double check that all of the connections are solid. In particular, the power connectors into Reflowster often catch before they are completely seated. To complete the setup, set your toaster oven to the "untimed bake" option and set the temperature to maximum. This mode is often attained by turning the timer knob backwards so that it doesn't count down.

Reflowster will perform a start up routine and then settle on the text "go" displayed on the screen. Before running a reflow, you'll want to double check the temperature settings of your Reflowster. Do this by scrolling the knob until "edit" is displayed, then press the knob in.

The resulting menu is the edit profile menu. See the section detailing it for more information, but scroll through the different properties with the knob and press the button in to view/edit the value. There are three settings in order: Soak Temperature, Soak Duration, and Peak Temperature. You can adjust each one according to your solder paste, but we suggest a base set of 100C, 90s, and 225C respectively if you are unsure. Use the back button to return to the main menu.

To start the reflow process, press the knob in when "go" is displayed. Your toaster oven should turn on and Reflowster will display the current temperature inside the oven. Open the door to the oven when a tone plays and the LED goes blue.

Resources

Home Page
reflowster.com



Reflowster Manual
reflowster.com/reflowsterresources/manual.html



Reflow Soldering Guide
reflowster.com/reflowsterresources/reflowsolderingguide.html



Email questions, comments, and suggestions to admin@reflowster.com