

# Weller®

## TB100PK Therma-Boost Heat Tool

Thank you for purchasing the Weller Therma-Boost heat tool. This is the latest in a line of both cordless and corded soldering and hot air tools from Weller – the world's leading maker of soldering products. With proper care, your new tool will give you years of reliable service.

This unique tool combines the best features of a soldering gun and soldering iron – fast heat-up, continuous use, and light weight. The tool heats up to working temperature quickly with the use of the second stage Therma-Boost mode. Due to the unique design, the tool can be used continuously. A traditional soldering gun can only be used intermittently. And the tool is incredibly lightweight at just 3 oz., so it is comfortable to use continuously. A wide variety of tips allows use for repairs, hobbies, crafts, foam cutting, model making, home electronics, and boating.

### Safety Notes - Read Before Use

1. Tip and gun barrel are HOT! Do not touch the tip or barrel or you will be severely burned.
2. The tip is hot as long as the tool is plugged into an electrical outlet. You do not have to pull the trigger for the tip to get hot.
3. Do not immerse in water due to the risk of electrical shock, which could cause personal injury and property damage.
4. Wear safety goggles when using this tool to protect eyes from potential injury.
5. Always use the included safety stand when the tool is laid down to avoid injury or damaging surroundings.

6. Allow the tip to cool after use before storing away.
7. Keep out of reach of children.
8. **Warning:** This product contains, or when used for soldering and similar applications produces chemicals known to the State of California to cause cancer and birth defects (or other reproductive harm).

### Operation

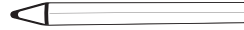
The Weller Therma-Boost heat tool utilizes a unique heating system. It allows you to operate in Standard Mode for normal soldering and Therma-Boost mode for super-fast heat-up and thermal loads. The Therma-Boost mode is designed to give you quick bursts of added power when you need it. This mode is designed to be used intermittently. There is a control circuit that switches you back to Standard mode after 45 seconds to prevent the gun from overheating while in the Therma-Boost mode.

The green and red lights on the back of the gun indicate various operational stages, as indicated in this chart:

Trigger Condition	Green Light	Red Light	Results
Tool plugged in, trigger not engaged	On	Off	Gun is operating in 27 Watt Standard mode
Tool plugged in, trigger engaged	On	On	Gun is operating in 130 Watt Therma-Boost mode
Tool plugged in, trigger engaged for 45 seconds or more	On	Off	Circuit switched tool to 27 Watt Standard mode to prevent overheating. Release the trigger and allow the tip to cool down to Standard Mode level, about 45 seconds. Tool must return to normal operating temperature before trigger will activate 130 Watt Therma-Boost mode. After activating the Therma-Boost mode the first time, subsequent cycles are 8 seconds in length.

### Tips

The Weller Therma-Boost heat tool comes with a variety of tips for numerous uses – adding to the versatility of this unique tool.



Conical Soldering Tip



Screwdriver Soldering Tip



Scoring Tip

For scoring hard materials such as tile and Plexiglas



Rope Cutting Tip

For cutting and sealing the ends of synthetic rope



Foam Cutting Tip

For cutting Styrofoam insulation and craft materials. **Warning: Use in well-ventilated area.**



Smoothing Tip

For smoothing and shaping soft plastics and wax.

Please retain these instructions for reference.

### Weller® Consumer Soldering Iron Warranty

Cooper Hand Tools warrants this product will be free from defects in material and workmanship for a period of seven (7) years from the date of purchase. No warranty is made with respect to products which have been (a) altered, modified or repaired by anyone other than Cooper Hand Tools; (b) subject to abuse, improper use, negligence, accident or improper storage; (c) installed, used or maintained not in accordance with normal practices or the instructions and specifications of Cooper Hand Tools; or (d) used in conjunction with any product, device, component or system, that is either defective, the source of a defect, or not reasonably intended to be used in conjunction with this product.

The foregoing limited warranty is exclusive and in lieu of all other warranties, whether expressed, implied or statutory, including, but not limited to, any warranty of merchantability or fitness for any particular purpose. The obligation of Cooper Hand Tools under this limited warranty is expressly limited to repairing the product, refunding the purchase price or replacing the product, at the sole and absolute discretion of Cooper Hand Tools, at no charge to Buyer.

The remedies provided for herein shall constitute the sole recourse of Buyer against Cooper Hand Tools, whether the claim is made in tort or in contract, including claims based on warranty, negligence, strict liability, deceit, fraud, misrepresentation or otherwise. In no event shall Cooper Hand Tools be liable for special, indirect, incidental or consequential damages (regardless of the form of action), nor for lost profits. Cooper Hand Tools liability for any claims or damages arising out of or connected with the manufacture, sale, delivery, use, maintenance, repair or modification of this product shall not exceed its purchase price.

Cooper Hand Tools will, during the warranty period, repair, replace or refund the purchase price of any product found to be defective in accordance with this limited warranty. Return freight prepaid with proof of purchase to: For USA; Cooper Hand Tools, 1000 Lufkin Road, Apex, NC 27539.

**COOPER** Hand Tools

1000 Lufkin Road, Apex, NC 27539  
www.cooperhandtools.com

TB100PK Therma-Boost Heat Tool  
USER'S GUIDE  
PLEASE READ BEFORE OPERATING  
GUIDE D'UTILISATION  
PRIÈRE DE LIRE AVANT L'UTILISATION  
MANUAL DEL USUARIO  
LÉASE ANTES DE USAR LA HERRAMIENTA

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