

# HT-1 HEAT TREAT OVEN - COLOR CASE HARDENING KIT

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## Programmable For Hands-Off Heat-Treating & Color Case-Hardening

Programmable oven makes easy work of any heat-treating job, including color-case hardening. Compact chamber is the right size for receivers, bottom metal, buttplates, knife blades, custom screws, and other small parts.

Numerical control with extra-large keypad lets you create and store up to 12 repeatable custom programs for consistent results. You determine the temperature ranges, hold-time, alarm set-points, and make easy on-the-fly adjustments to fine-tune your program. Even allows you to pre-program the start time to take advantage of variable electric rates. Backlit, four character display provides accurate real-time temperature/time monitoring. Cool-touch door handle allows comfortable operation when the oven is hot. Innovative safety interrupt automatically removes power from all heating elements when the door opens and reapplies power after it closes. Built with a durable, corrosion-resistant stainless steel outer shell and a firebrick lining for maximum heating efficiency. Includes Type-K thermocouples for quick and reliable temperature control.



## Attributes

- Name: [COLOR CASE HARDENING KIT](#)
- Manufacturer: [EVENHEAT KILN INC.](#)
- Product no.: 100011091
- Mfr. No.:
- Delivery weight: 136.531kg
- Shipping height: 686mm
- Shipping width: 660mm
- Shipping length: 470mm

## Item details

Made in USA

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# HT1 Heat Treat Oven Color Case Hardening Kit Safety Instructions

## Introduction

Thank you for choosing the HT1 Heat Treat Oven Color Case Hardening Kit. This guide provides essential safety instructions to ensure your safe and effective use of the oven. Please read through this document carefully before operating the product.

## General Safety Guidelines

- Ensure that the oven is used only for its intended purpose, which is heat treating and colorcase hardening of metal parts.
- Always operate the oven in a wellventilated area to avoid the buildup of harmful fumes.
- Keep the oven away from flammable materials and surfaces.
- Regularly inspect the oven for any signs of damage or wear. Do not use if damaged.
- Ensure that all electrical connections are secure and compliant with local electrical standards.
- Keep the oven out of reach of children and vulnerable individuals.
- Follow all local regulations regarding the use of heat treating equipment.

## Specific Safety Precautions for Use

- **Power Supply:**
  - Ensure the oven is connected to a power source that meets the specified voltage and amperage requirements.
  - Do not use extension cords or adapters that do not meet the oven's power specifications.
- **Temperature Control:**
  - Always monitor the temperature settings to avoid overheating.
  - Do not exceed the maximum temperature of 2,000° F (1,093° C).
- **Handling Hot Items:**
  - Use heatresistant gloves when handling items inside the oven.
  - Allow the oven and its contents to cool down before opening the door.
- **Safety Interrupt:**
  - The innovative safety interrupt feature automatically cuts power when the door is opened. Ensure this feature is functioning correctly before use.
- **Emergency Procedures:**
  - In case of an emergency, disconnect the oven from the power source immediately.
  - Familiarize yourself with the location of fire extinguishers and emergency exits in your workspace.

## Instructions for Installation and Usage

### 1. Installation:

- Place the oven on a stable, heatresistant surface.
- Ensure there is adequate space around the oven for airflow and access.
- Connect the oven to the appropriate power supply as indicated in the product specifications.

### 2. Initial Setup:

- Turn on the oven using the main power switch.
- Set the desired temperature and hold time using the extralarge keypad.
- Program your custom settings as needed, and save them for future use.

### **3. Using the Oven:**

- Preheat the oven to the desired temperature.
- Insert the items to be heat treated using heatresistant gloves.
- Close the door securely and monitor the display for realtime temperature and time updates.
- Once the cycle is complete, allow the oven to cool before opening the door.

### **4. PostUse Care:**

- Disconnect the power supply after each use.
- Clean the interior of the oven according to the manufacturer's instructions.
- Store the oven in a dry, cool place when not in use.

## **Disposal Instructions**

- Dispose of the oven and any associated materials in accordance with local regulations.
- Do not dispose of electrical components in regular waste. Follow ewaste disposal guidelines to ensure safe and environmentally friendly disposal.

## **Contact Information for Further Support**

For any inquiries or support regarding the HT1 Heat Treat Oven Color Case Hardening Kit, please refer to the manufacturer's contact information provided with your product.

Thank you for your attention to these safety instructions. By following these guidelines, you can ensure a safe and effective experience with your HT1 Heat Treat Oven.

# About Us

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