Steinel HG 2320 E

Steinel HG 2320 E Electronics Kit User Manual

Professional Heat Gun with LCD-Display

Introduction

The Steinel HG 2320 E Electronics Kit is a professional-grade heat gun designed for precision applications. Featuring a powerful 1600 W brushless motor and an LCD display, it offers precise temperature control from 120°F to 1200°F and variable airflow. This manual provides essential information for the safe and effective operation, setup, maintenance, and troubleshooting of your heat gun.

Safety Information

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

Electrical Safety

This tool is double insulated and equipped with a two-prong plug. Double insulated tools have a special insulation system that complies with applicable UL standards and do not require grounding. The polarized plug (one blade wider than the other) is designed to fit into a polarized outlet in only one way. If the plug does not fit fully, reverse it. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.
For extra safety, the hot air gun is equipped with a magnesium guard sleeve, a thermal cut-out, restart protection, and a residual heat indicator which warns the user if the nozzle is still hot to prevent burns.

What's in the Box

Your Steinel HG 2320 E Electronics Kit includes the following components:

- Steinel HG 2320 E Heat Gun
- Heavy Duty Case
- 9 mm Reducer Nozzle
- 39 mm Reflector Nozzle
- 14 mm Reflector Nozzle
- 9 mm Reflector Nozzle

Image: The Steinel HG 2320 E Heat Gun, its heavy-duty carrying case, and the four included nozzles (reducer and reflector types).

Setup

1. **Unpacking:** Carefully remove all components from the heavy-duty case. Inspect the heat gun and accessories for any signs of damage.
2. **Nozzle Attachment:** Select the appropriate nozzle for your application. Align the nozzle with the heat gun's outlet and push it firmly into place. Ensure it is securely seated before operation.
3. **Power Connection:** Plug the heat gun into a suitable polarized electrical outlet. Ensure the voltage matches the tool's requirements.

Operating Instructions

Powering On/Off

To turn on the heat gun, slide the power switch to the 'ON' position. To turn off, slide the switch to 'OFF'.

Temperature Control

The HG 2320 E features an LCD display for precise temperature control. Use the joystick control to adjust the temperature in 10°F steps, ranging from 120°F to 1200°F. The LCD display will show the current temperature setting.

Image: The LCD display on the heat gun, showing temperature and fan speed settings.

Airflow Control

The airflow rate is continuously variable from 4-13 cfm. Adjust the airflow using the designated control to suit your application. The heat gun also includes a Cool Air Stage for rapid cooling of the workpiece or the tool itself.

Programmable Settings

The heat gun includes four individually tailored programs. Refer to the full user manual (link below) for detailed instructions on how to set and utilize these programs for specific tasks.

Applications

The HG 2320 E Electronics Kit is ideal for various applications, including:

- Heat shrink tubing
- Connecting wires and components
- De-soldering circuit boards
- Softening adhesives for panel removal
- General heating tasks requiring precise temperature control

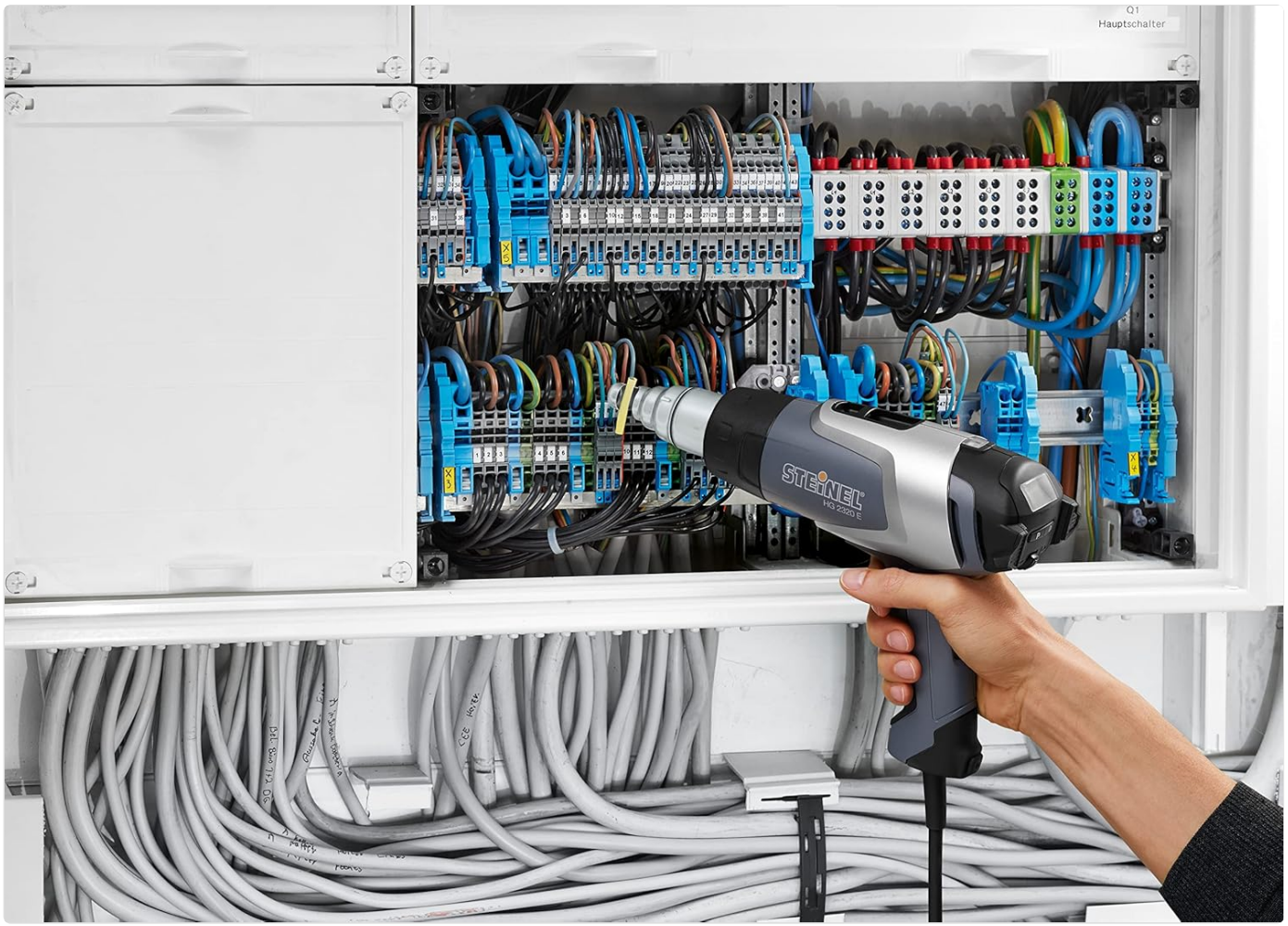

Image: The heat gun being used for electrical work, demonstrating its utility in precise applications.

Image: The heat gun being used to loosen a stubborn bolt on a vehicle, showcasing its versatility.

Maintenance

- **Cleaning:** Ensure the tool is unplugged and cool before cleaning. Wipe the exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Nozzle Care:** Keep nozzles clean and free of debris. Remove any residue that may accumulate during use to ensure optimal airflow and heat distribution.
- **Cord Inspection:** Regularly inspect the power cord for any damage, cuts, or fraying. If the cable becomes damaged, replacement is easy and should be performed by a qualified technician.
- **Storage:** Store the heat gun and its accessories in the provided heavy-duty case in a dry, safe place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Heat gun does not turn on.	No power supply; damaged cord; internal fault.	Check power outlet and connection. Inspect cord for damage. If problem persists, contact customer support.
No heat or insufficient heat.	Temperature setting too low; blocked air intake/outlet; thermal cut-out activated.	Increase temperature setting. Clear any obstructions. Allow tool to cool if thermal cut-out activated.
Fan not working or weak airflow.	Airflow setting too low; blocked fan; motor issue.	Adjust airflow setting. Clear any debris from fan area. If fan quit working after 2 months (as per review), contact customer support.
Overheating/Burning smell.	Blocked airflow; prolonged use at high temperature without cooling.	Immediately turn off and unplug the tool. Allow it to cool completely. Clear any obstructions. Ensure proper ventilation during use.

Specifications

Feature	Detail
Model	HG 2320 E
Power	1600 W
Motor Type	Brushless
Temperature Range	120°F - 1200°F (variable in 10°F steps)
Airflow Rate	4-13 cfm (continuously variable)
Display	LCD-Display
Safety Features	Magnesium guard sleeve, thermal cut-out, restart protection, residual heat indicator
Dimensions	10 x 3.4 x 7.9 inches
Weight	2.19 Pounds
Included Nozzles	9 mm Reducer, 39 mm Reflector, 14 mm Reflector, 9 mm Reflector

Warranty and Support

For detailed warranty information and customer support, please refer to the official Steinel website or the full user manual provided with your product. You can also download the PDF version of the user manual:

Download Official User Manual (PDF)

For further assistance, please contact Steinel customer service.