SEEKONE SDL-8861E

SEEKONE 1800W Heat Gun User Manual

Model: SDL-8861E

1. Introduction

This manual provides essential information for the safe and effective operation of your SEEKONE 1800W Heat Gun, Model SDL-8861E. Please read these instructions thoroughly before first use and retain for future reference. This heat gun is designed for various applications including paint removal, PVC shrinking, craft projects, and more, offering precise temperature control and robust performance.

Image 1.1: The SEEKONE 1800W Heat Gun with its included nozzles and digital display unit.

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Heat Gun Specific Safety:**
  - Do not direct the hot air stream at people or animals.
  - Do not use the heat gun near flammable materials or gases.

- Allow the heat gun to cool down completely before storing. Utilize the power-off delay function for proper cooling.
- Do not block the air inlet or outlet. Ensure proper ventilation during operation.
- Do not touch the nozzle or surrounding areas during or immediately after use, as they become extremely hot.
- Always place the heat gun on a stable, heat-resistant surface when not holding it.
- Be aware that heat can be conducted to combustible materials that are out of sight.

3. Product Overview

The SEEKONE 1800W Heat Gun is engineered for durability and precise control, featuring a robust design and intuitive interface.

3.1 Components

- **Heat Gun Body:** Constructed from durable ABS engineering plastics for wear resistance.
- **Digital LCD Display:** Provides real-time temperature readings and allows for precise adjustments.
- **Temperature Control Buttons:** Used to increase or decrease the temperature.
- **Airflow Switch:** Selects between two airflow modes.
- **Stainless Steel Air Outlet:** Designed for high temperature and corrosion resistance, with an anti-scald protective cover.
- **Nozzles:** Four interchangeable nozzles for various applications.
- **D-Handle and Folding Stand:** Ergonomic design for comfortable use and stable hands-free operation.

Image 3.1: The digital LCD display showing temperature and airflow settings.

Image 3.2: Illustration of the ceramic heating core, responsible for rapid heat generation.

Image 3.3: Diagram showing the pure copper motor, providing strong airflow.

3.2 Included Nozzles

The heat gun comes with four specialized nozzles to optimize performance for different tasks:

- **Deflector Nozzle:** Directs a long, narrow heat pattern to the work surface.
- **Reflector Nozzle:** Disperses heat flow evenly around the entire work surface.
- **3-Layer Focusing Nozzle:** Concentrates heat for precise applications.
- **5-Layer Focusing Nozzle:** Provides a highly concentrated heat flow for specific tasks.

Image 3.4: The four interchangeable nozzles included with the heat gun.

4. Setup

1. **Unpacking:** Carefully remove the heat gun and all accessories from the packaging. Inspect for any damage.
2. **Nozzle Attachment:** Select the appropriate nozzle for your task. Align the nozzle with the heat gun's air outlet and push it firmly into place. Ensure it is securely seated before operation.
3. **Power Connection:** Plug the heat gun into a standard 110V AC power outlet. Ensure the power cord is not damaged and is positioned to avoid tripping hazards.
4. **Positioning:** For hands-free operation, deploy the integrated folding stand to position the heat gun securely on a stable, heat-resistant surface.

5. Operating Instructions

5.1 Power On/Off and Airflow Settings

1. **Power On:** Slide the power switch to the desired airflow setting. The heat gun features two airflow

modes:

- **Low Setting (I):** 300 L/min airflow, temperature range 100-300°C (212-572°F).
- **High Setting (II):** 500 L/min airflow, temperature range 300-600°C (572-1112°F).

2. **Power Off:** Slide the power switch to the '0' (off) position. The heat gun will activate a power-off delay function, continuing to blow cool air for approximately 8 seconds to protect the heating element and prolong tool life. Do not unplug the tool during this cool-down phase.

Image 5.1: Illustration of the power-off delay function and airflow speed selector.

5.2 Temperature Adjustment

The digital LCD display allows for precise temperature control:

1. Once powered on, the current temperature will be displayed on the LCD screen.
2. Use the '+' and '-' buttons below the display to adjust the temperature in increments.
3. The temperature range is from 100°C (212°F) to 600°C (1112°F).

5.3 Overload Protection

The heat gun features an integrated overload protection function. If the internal temperature becomes too high, the heat gun will automatically stop heating to prevent damage. Heating will resume once the temperature returns to a safe level. This is a safety feature and not a malfunction.

6. Applications

The SEEKONE 1800W Heat Gun is versatile for a wide range of tasks. Refer to the temperature recommendations below for common applications:

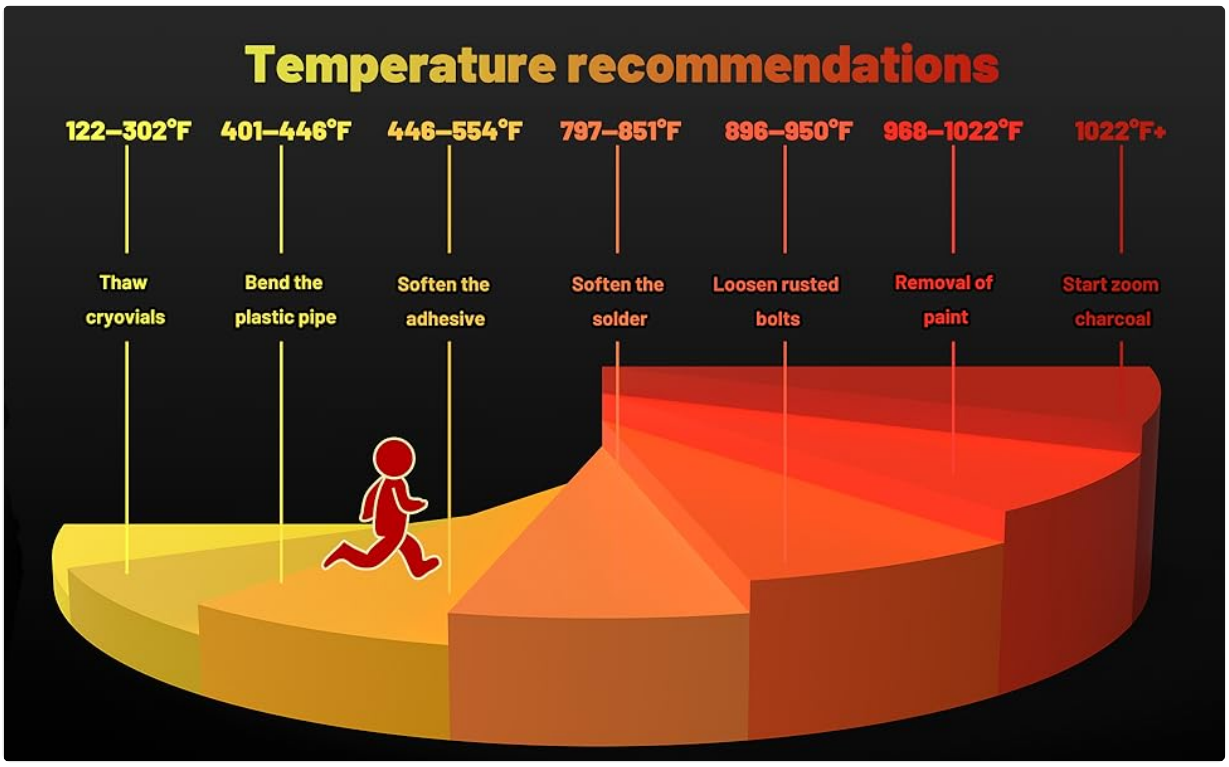

Image 6.1: Chart illustrating recommended temperature ranges for different applications.

Temperature Application Guide

Temperature Range	Application
100-150°C (212-302°F)	Thawing frozen pipes, bending plastic pipes, drying paint.
150-230°C (302-446°F)	Softening adhesives, removing stickers, shrinking heat shrink tubing.
230-290°C (446-554°F)	Softening solder, loosening rusted bolts.
290-400°C (554-752°F)	Removing paint, bending plastics.
400-500°C (752-932°F)	Welding plastics, removing vinyl flooring.
500-600°C (932-1112°F)	Starting charcoal, removing stubborn paint.

Image 6.2: Example of using the heat gun to remove stickers or labels.

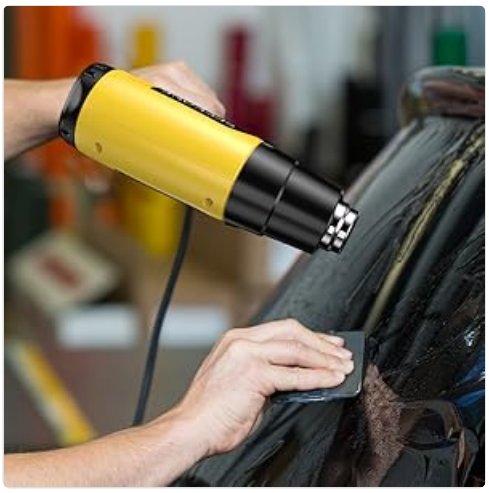

Image 6.3: Example of using the heat gun for shrinking applications, such as window film.

Image 6.4: Example of using the heat gun for paint removal from a wooden surface.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your heat gun.

- **Cleaning:** After each use, ensure the heat gun is completely cool. Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Vents:** Keep the air inlet and outlet vents clear of dust and debris to ensure proper airflow and prevent overheating. Use a soft brush or compressed air if necessary.
- **Storage:** Store the heat gun in a dry, secure location out of reach of children. Ensure the power cord is neatly coiled and not kinked.
- **Nozzles:** Clean any residue from the nozzles after use. Ensure they are dry before storage.

8. Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Heat gun stops heating during operation.	Overheat protection activated.	This is a normal safety feature. Allow the unit to cool down. Ensure air vents are clear.

Problem	Possible Cause	Solution
Heat gun continues to blow air after being switched off.	Power-off delay function activated.	This is normal. The fan runs for approximately 8 seconds to cool the heating element. Do not unplug during this time.
No heat or weak airflow.	Power supply issue, blocked air vents, or internal fault.	Check power connection. Ensure air vents are clear. If problem persists, contact customer service.
Temperature display is inaccurate.	Sensor issue or extreme environmental conditions.	Ensure the heat gun is used within recommended environmental conditions. If problem persists, contact customer service.

9. Specifications

Feature	Specification
Model Number	SDL-8861E
Power	1800 Watts
Voltage	110 Volts
Temperature Range	100-600°C (212-1112°F)
Airflow (Low)	300 L/min
Airflow (High)	500 L/min
Cord Length	1.4 Meters
Item Weight	2.05 pounds
Material	ABS
Special Features	Large Digital LCD Display, Variable Temperature, Overload Protection, Power-Off Delay Function
Included Components	4 Nozzles, User Manual

10. Warranty and Support

SEEKONE provides worry-free customer after-sale service for this product. If you encounter any issues or have questions regarding your SEEKONE 1800W Heat Gun, please contact our customer service team. We are committed to providing support and assistance.
For support, please refer to the contact information provided with your product packaging or visit the official SEEKONE website.