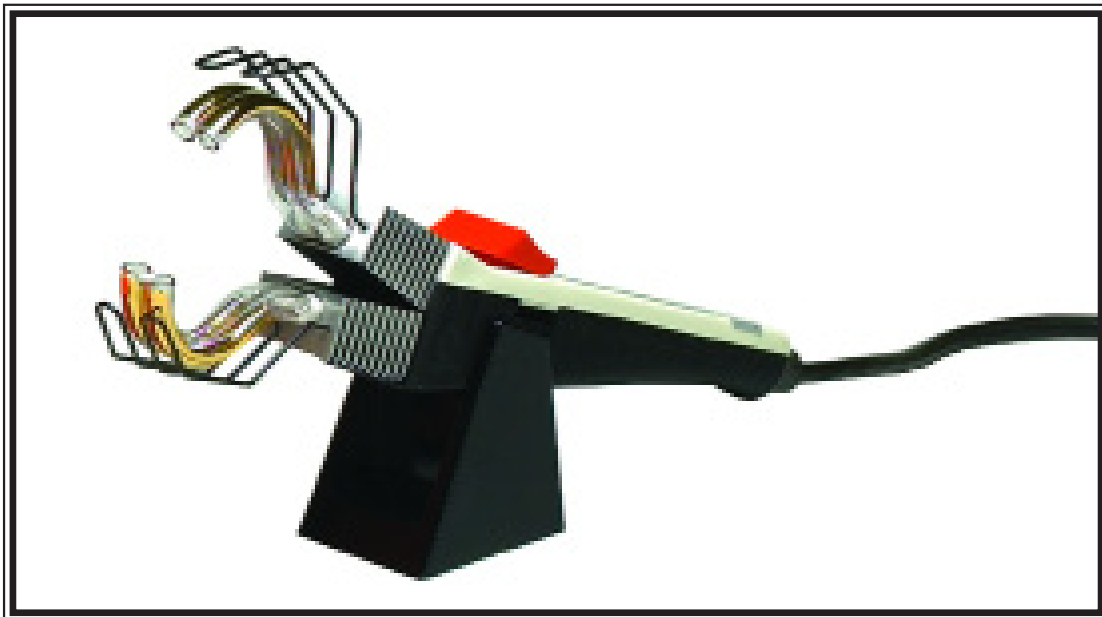




# Operating Manual

Please Read Before Operating Unit



## Glo-Ring Infrared Heat Tools

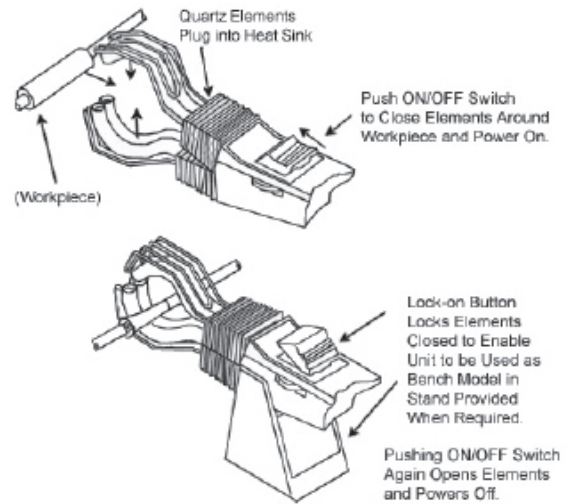
Service and All Spare Parts Available

The Eraser Company, Inc.  
PO Box 4961/ Oliva Drive  
Syracuse, NY 13221, USA

Phone: (315) 454-3237  
Fax: (315) 454-3090  
Website: [www.eraser.com](http://www.eraser.com)  
E-mail: [info@eraser.com](mailto:info@eraser.com)

# GloRing Infrared Heat Tools

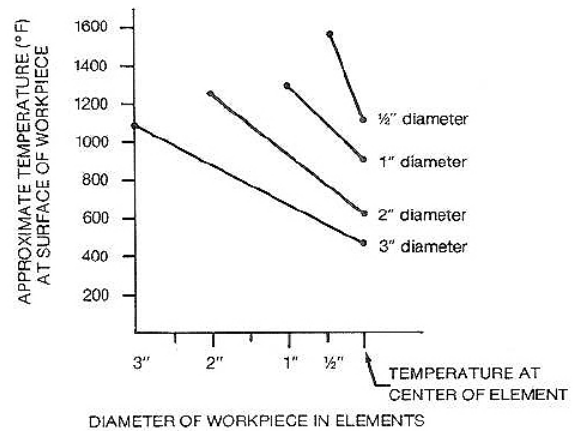
## OPERATION



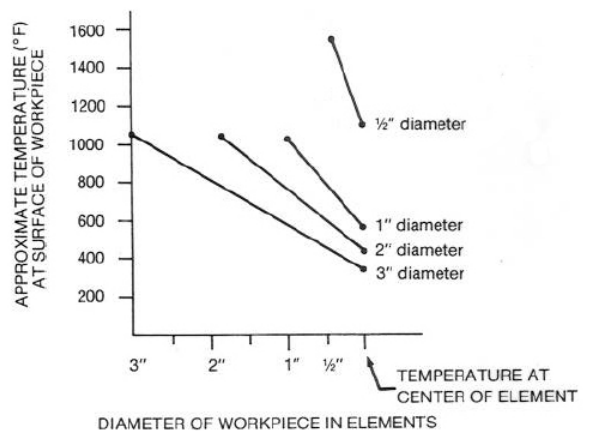
## Element Temperatures

*All Temperatures Are Approximate*

### Intermittent Elements



### Continuous Elements



## SPECIFICATIONS

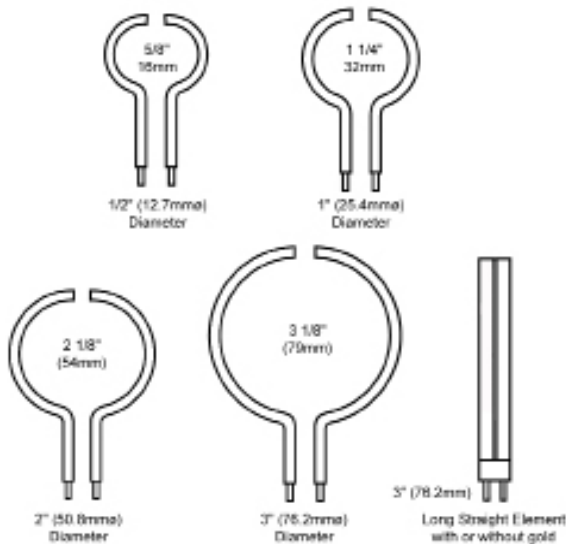
### Models - LH100, LH115

Maximum, Minimum Element Temperatures: See Charts

Power Input .....	120V, 50/60 Hz or
	220/240V, 50/60 Hz
Power Output.....	115Vac
With 1/2" Elements Fitted.....	Continuous 206W
	Intermittent 264W
With 1" Elements Fitted.....	Continuous 206W
	Intermittent 348W
With 2" Elements Fitted.....	Continuous 287W
	Intermittent 348W
With 3" Elements Fitted.....	Continuous 348W
	Intermittent 440W
Power Output.....	230Vac
With 1/2" Elements Fitted.....	Continuous 240W
	Intermittent 311W
With 1" Elements Fitted.....	Continuous 195W
	Intermittent 311W
With 2" Elements Fitted.....	Continuous 330W
	Intermittent 377W
With 3" Elements Fitted.....	Continuous 348W
	Intermittent 440W
Weight .....	10 oz. (280 g.)
Size.....	7 1/2" x 1 3/4" x 1 1/2"
	(191mm x 44mm x 37mm)
	Less elements - add element dimensions

## ELEMENTS:

Dimensions of internal diameter of elements in closed position.

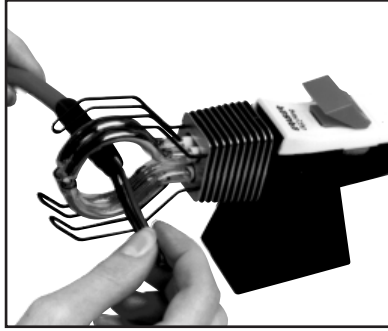


Most elements are available in intermittent and continuously rated duty cycles. Intermittent elements heat up quicker and get hotter than continuous elements.

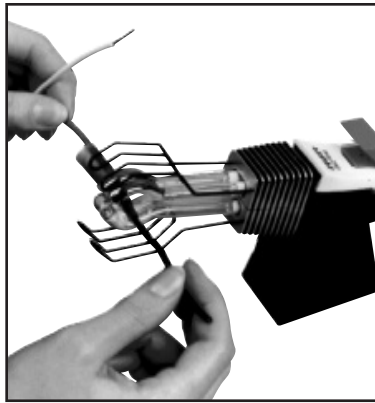
**\*\*Continuous elements MUST be fitted if unit is to remain continuously on for more than 2 minutes.**

**\*\*Intermittent elements should not be left on continuously for more than 2 minutes.**

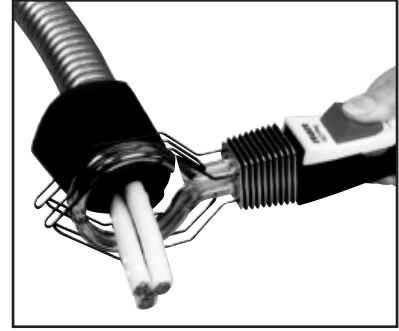
# GLORING INFRARED HEAT TOOLS



UNIT BEING USED AS BENCH MODEL WITH LOCK-ON BUTTON AND BENCH STAND.



FITTED WITH 1/2" DIAMETER ELEMENTS. WORKING ON SOLDER SLEEVE.



FITTED WITH 2" DIAMETER ELEMENTS. SHRINKING LARGE TUBING ON CABLE.

## ORDERING INFORMATION

### Units:

AH1901 (LH100).....	Hand Glo-Ring heat tool and bench stand, 115V 50/60Hz
AH1902 (LH100).....	Same as above, 220/240V 50/60Hz, fitted with European plug
AH2001 (LH115).....	Hand Glo-Ring and bench stand and variable temperature control, 115V 50/60Hz
AH2002 (LH115).....	Same as above, 220/240, 50/60Hz, fitted with European plug

### Guards:

IH6517 .....	One pair 1/2" (12.7mm) wire guards
IH3551 .....	One pair 1" (25.4mm) wire guards
IH3552 .....	One pair 2" (50.8mm) wire guards
IH3553 .....	One pair 3" (76.2mm) wire guards
IH0129 .....	Optional electrical foot switch for bench model

### Elements, intermittent for hand use:

IH3511 .....	1/2" (12.7mm $\varnothing$ ) diameter intermittent element 115V 50/60Hz
IH4511 .....	1" (25.4mm $\varnothing$ ) diameter intermittent element 115V 50/60Hz
IH4521 .....	220/240V 50/60Hz
IH4512 .....	2" (50.8mm $\varnothing$ ) diameter intermittent element 115V 50/60Hz
IH4522 .....	220/240V 50/60Hz
IH4513 .....	3" (76.2mm $\varnothing$ ) diameter intermittent element 115V 50/60Hz
IH0130 .....	3" (76.2mm) long straight element without gold 115V 50/60Hz

**NOTE:** Intermittent elements should not be left on continuously for more than two minutes.

### Elements, continuous for units used as bench models:

IH6515 .....	1/2" (12.7mm $\varnothing$ ) diameter continuous element 115V 50/60Hz
IH6516 .....	220/240V 50/60Hz
IH5511 .....	1" (25.4mm $\varnothing$ ) diameter continuous element 115V 50/60Hz
IH5521 .....	220/240V 50/60Hz
IH5512 .....	2" (50.8mm $\varnothing$ ) diameter continuous element 115V 50/60Hz
IH5522 .....	220/240V 50/60Hz
IH5513 .....	3" (76.2mm $\varnothing$ ) diameter continuous element 115V 50/60Hz
IH5523 .....	220/240V 50/60Hz

**NOTE:** Continuous elements must be fitted if unit is to remain on for more than two minutes.

# GLO-RING INFRARED HEAT TOOLS

## OPERATING INSTRUCTIONS

### **SET-UP:**

All hand-held Glo-Rings are packaged in Styrofoam boxes. The box will contain the hand piece and a bench stand. Depending on the unit ordered, each hand piece will have a power supply cord attached. The American plug is for use on 110/120V~, 50/60Hz mains supply. The European plug is for use on 220/240V~, 50/60 Hz mains supply. Use a properly grounded mains supply when using the Glo-Ring hand tool.

To set up for use, assemble the hand piece and quartz elements, ordered separately, by firmly grasping the element near the base and gently inserting the two contact pins into the sockets of the heat sinks on the hand piece. Insert both elements and be sure the elements are pushed in all the way. Then install the wire guards into the holes drilled on the top of the heat sinks.

**! CAUTION: Never use elements which have any broken quartz glass. Replace elements if elements are cracked or broken. Environmental conditions for proper operation should be 50°F - 104°F (10°C - 40°C) and 30-75% relative humidity. The operation of the Glo-Ring heat tool should be in an open well-ventilated work space. This heat tool may be affected by outside environmental disturbances.**

### **OPERATION:**

The hand-held units are available with or without variable heat control. Units with the heat control have a plastic wheel located on the lefthand side of the hand piece which is rotated to provide varying element temperatures. Units without the heat control feature will immediately heat up to approximately 1500°F(815°C) when the ON/OFF button is activated.

The unit may be used either hand-held or stationary on the bench stand provided. If using the bench stand, it is recommended that the stand be secured to the bench. Push the hand piece of the unit into the bench stand to hold it. Slide the On/Off button towards the elements to activate the unit, and release to shut it off. If desired, the elements may be locked on by tipping the On/Off switch upwards

while pushed forward. If using the unit on the bench stand, turn the unit ON and lock the button, adjust the temperature control if applicable and move the material to be heated, through the elements. If using the unit hand-held, move the tool along the length of the material to be heated until the desired results have been achieved.

**! CAUTION: When working around the elements caution should be used due to the high temperatures of the elements and wire guards. If the unit is being used intermittently, use the intermittent elements, which will heat up faster. If using the unit in a continuous mode, on the bench stand with the lock-on button engaged, use the continuous elements. See “Ordering Information” for details on elements sizes and types.**

**! CAUTION: Using intermittent elements in the continuous mode for longer than 2 minutes may cause them to burn out prematurely.**

### **REPLACEMENT OF ELEMENTS:**

Disconnect the hand piece from the mains supply by unplugging the power supply cord. Make certain that the elements have had sufficient time to cool down. Firmly grasp the base of the element and gently work the element out of the heat sink. This procedure must be done for both elements. When inserting new elements reverse the procedure making certain that both elements are pushed in all the way.

**! CAUTION: The Glo-Ring Infrared Heat Tools in operation, generate significant heat and should be treated with respect. Do not leave units unattended when turned ON. When changing elements, be sure unit is unplugged from the power source and that the elements are completely cooled to the touch. The elements are manufactured from quartz glass. If dropped or knocked sharply, they will break. If elements are broken, replace immediately.**

### **MAINTENANCE:**

Keep units clean at all times and ensure that elements and wire guards are securely installed. No cleaning should be required in normal usage. No other maintenance is required.

# GLO-RING INFRARED HEAT TOOLS

## **TROUBLE SHOOTING:**

If one, or both elements in a pair do not heat, replace them.

**IMPORTANT: NO LIABILITY WILL BE INCURRED BY THE ERASER COMPANY FOR INJURY, DEATH, OR PROPERTY DAMAGE CAUSED BY A PRODUCT WHICH HAS BEEN SET UP, OPERATED, AND/OR INSTALLED CONTRARY TO ERASER'S WRITTEN INSTRUCTION MANUAL, OR WHICH HAS BEEN SUBJECTED TO MISUSE, NEGLIGENCE, OR ACCIDENT, OR WHICH HAS BEEN REPAIRED OR ALTERED BY ANYONE OTHER THAN ERASER, OR WHICH HAS BEEN USED IN A MANNER OR FOR A PURPOSE FOR WHICH THE PRODUCT WAS NOT DESIGNED.**

## **SYMBOLS:**

### **Ground Location:**



This protective Earth Ground Label is located inside the hand unit beside the ground wire. This wire is connected to the Power Supply Cable and is wired back through the Mains supply to ground.

### **Caution Label:**



Refer to the operating instructions before operating this unit.

Hi-Voltage is inside this unit and power must be disconnected before servicing hand piece.

The Eraser Company, Inc.  
PO Box 4961/ Oliva Drive  
Syracuse, NY 13221, USA

**ERASER**  
*Always Moving Forward®*

Phone: (315) 454-3237  
Fax: (315) 454-3090  
Website: [www.eraser.com](http://www.eraser.com)  
E-mail: [info@eraser.com](mailto:info@eraser.com)

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