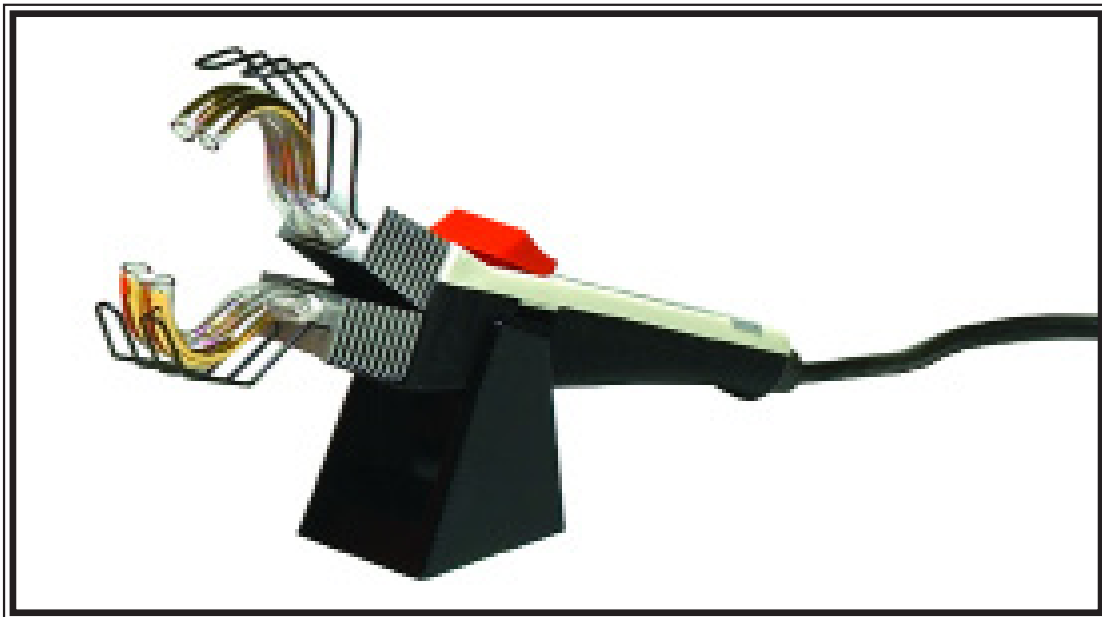




Operating Manual

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

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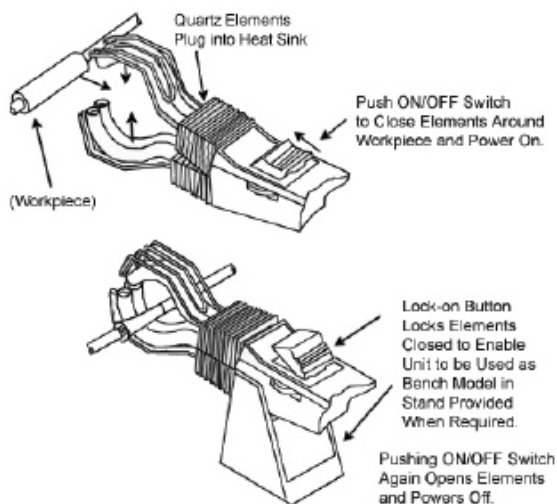


Made In
The U.S.A.

GloRing Infrared Heat Tools

p 2

OPERATION



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

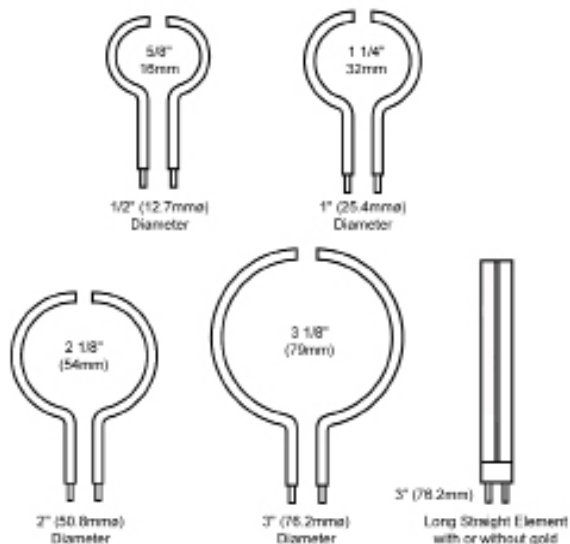
Weight 10 oz. (280 g.)

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.

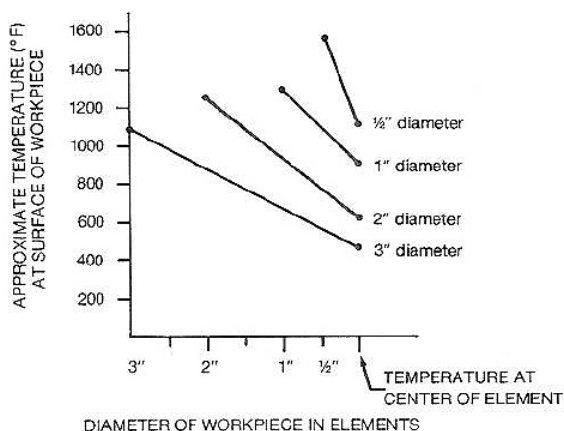
****Continuous elements MUST be fitted if unit is to remain continuously on for more than 2 minutes.**

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

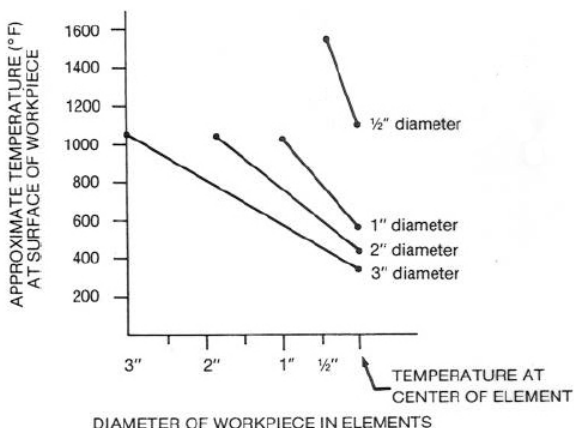
Element Temperatures

All Temperatures Are Approximate

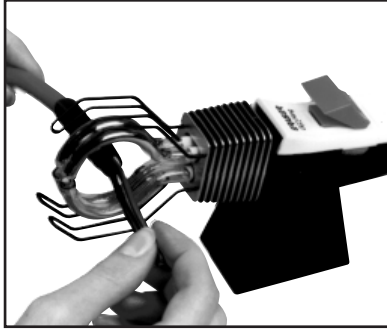
Intermittent Elements



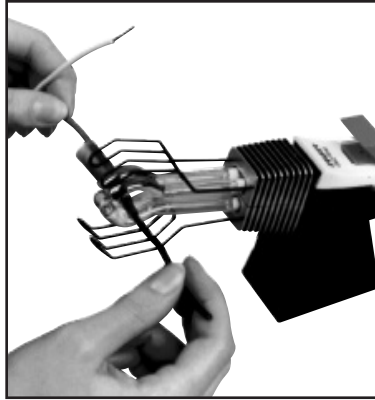
Continuous Elements



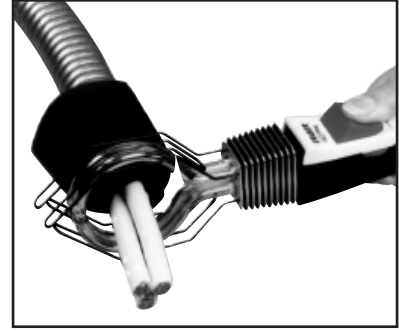
GLORING INFRARED HEAT TOOLS



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" (12.7mmø) diameter intermittent element 115V 50/60Hz
IH6514	220/240V 50/60Hz
IH4511	1" (25.4mmø) diameter intermittent element 115V 50/60Hz
IH4521	220/240V 50/60Hz
IH4512	2" (50.8mmø) diameter intermittent element 115V 50/60Hz
IH4522	220/240V 50/60Hz
IH4513	3" (76.2mmø) diameter intermittent element 115V 50/60Hz
IH4523	220/240V 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" (12.7mmø) diameter continuous element 115V 50/60Hz
IH6516	220/240V 50/60Hz
IH5511	1" (25.4mmø) diameter continuous element 115V 50/60Hz
IH5521	220/240V 50/60Hz
IH5512	2" (50.8mmø) diameter continuous element 115V 50/60Hz
IH5522	220/240V 50/60Hz
IH5513	3" (76.2mmø) 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.

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