



# Operating Manual

Please Read Before Operating Unit



Made In  
The U.S.A.



## Single Element Bench Glo-ring Infrared Heat Tool

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Service and All Spare Parts Available



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# SINGLE ELEMENT BENCH GLO-RING ORDERING INFORMATION



## Single Element Bench Glo-Ring

Power Output:

115V Unit

Fitted with 1/2" (12.7mm $\varnothing$ ) Elements.....230 Watts

Fitted with 1" (25.4mm $\varnothing$ ) Elements.....230 Watts

Fitted with 2" (50.8mm $\varnothing$ ) Elements.....310 Watts

Fitted with 3" (76.2mm $\varnothing$ ) Elements.....380 Watts

230V Unit

Fitted with 1/2" (12.7mm $\varnothing$ ) Elements.....260 Watts

Fitted with 1" (25.4mm $\varnothing$ ) Elements.....220 Watts

Fitted with 2" (50.8mm $\varnothing$ ) Elements.....350 Watts

Fitted with 3" (76.2mm $\varnothing$ ) Elements.....550 Watts

Size.....5"W x 9"D x 4.5"H (127mm x 229mm x 114mm)  
without elements and guards

Weight.....2.34 lbs. (1.1 Kg)

## SYMBOLS AND DECLARATIONS:



### GROUND LOCATION:

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



### CAUTION LABEL:

Refer to the operating instructions before using this unit. High voltage is inside this unit and power must be disconnected before servicing.



### ON/OFF LABEL:

This is the ON/OFF switch. Press I for on and press O for off.



### CE MARK:

Indicated compliance with all applicable EU EMC directives.

## Bench Units:

AH2401.....Single Element Bench Glo-Ring, 115V 60Hz

AH2402.....Single Element Bench Glo-Ring  
220/240V 50Hz European plug

AH2403.....Single Element Bench Glo-Ring  
220/240V 50Hz UK 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

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

IH6515.....1/2" (12.7mm $\varnothing$ ) diameter 115V 50/60Hz

IH6516.....220/240V 50/60Hz

IH5511.....1" (25.4mm $\varnothing$ ) diameter 115V 50/60Hz

IH5521.....220/240V 50/60Hz

IH5512.....2" (50.8mm $\varnothing$ ) diameter 115V 50/60Hz

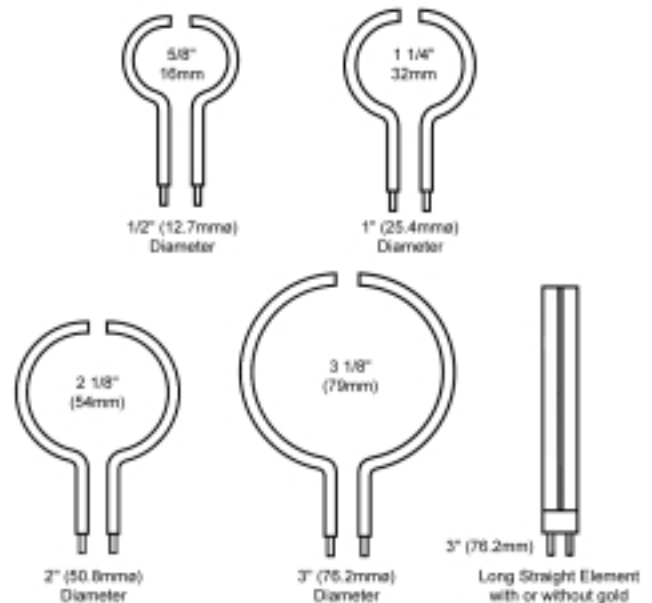
IH5522.....220/240V 50/60Hz

IH5513.....3" (76.2mm $\varnothing$ ) diameter 115V 50/60Hz

IH5523.....220/240V 50/60Hz

## Element and Guard Sizes

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



# Single Element Bench Infrared Tubing Shrinker

## OPERATING INSTRUCTIONS

### SET-UP:

To set-up, first install the quartz elements into the heat sink sockets. Be sure the elements are pushed in all the way. After installing the elements, install the guards into the holes drilled on the tops of the heat sinks. Plug the unit into the appropriate electrical supply.

### OPERATION:

Turn the lighted On/Off switch on the right side of the unit to ON to apply heat to the quartz elements. The elements on the unit may be closed by use of the electrical footswitch.

The temperature of the elements may be varied by use of the knob located on the right side of the unit.

With the elements open, insert the workpiece from the side or top of the elements, close the elements, adjust the element temperature, and pull or push the material to be heated, through the elements.

Open the elements when all material has been heated and remove the workpiece from the top or side of the elements.

**NOTE:** Continuous elements **must** be used on the Single Element Bench Glo-Ring.

### CAUTION:

The Bench Glo-Ring in operation, generates significant heat and should be treated with respect. Do not leave unit 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 unit 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.

### TROUBLE SHOOTING:

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

### ***Declaration of Conformity for Single Element Bench Glo-ring***

Application of Council directives:	73/23/EEC, 89/336/EEC
Standards to which conformity is declared:	EN61010-1
Manufacturer's name:	Eraser Company, Inc P.O. Box 4961, Oliva Drive Syracuse, N.Y. 13221
Type of equipment:	Single Element Bench Glo-Ring
Model No. _____	
Serial No. _____	Year of manufacture: _____
I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s).	
Place: Syracuse, N.Y., USA	Signature: _____
Date: _____	Full Name: Anthony Colella Position: Executive Vice President

- CE MARK-Indicates compliance with all applicable EU EMC Directives as described above

# IMPORTANT SAFETY INSTRUCTIONS

## READ ALL INSTRUCTIONS

### WARNING

**DO NOT OPERATE TOOL UNTIL YOU HAVE READ THOROUGHLY, AND UNDERSTAND COMPLETELY, ALL INSTRUCTIONS, RULES, ETC. ON THIS PAGE, AND IN THE OPERATING MANUAL. WHEN USING ELECTRIC TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE RISK OF FIRE, ELECTRICK SHOCK, AND PERSONAL INJURY, INCLUDING THE FOLLOWING:**

#### GROUNDING INSTRUCTIONS:

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided – if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The green conductor with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.

Repair or replace damaged or worn cord immediately.

#### GENERAL INSTRUCTIONS:

**KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.

**DON'T USE IN DANGEROUS ENVIRONMENTS.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

**ALWAYS USE SAFETY GLASSES.** Everyday eyeglasses only have impact resistant lenses; they are NOT safety glasses.

**DON'T OVERREACH.** Keep proper footing and balance at all times.

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**DISCONNECT TOOL** before servicing; when changing accessories, such as blades, wheels, cutters, and like.

**USE RECOMMENDED ACCESSORIES.** Consult the operating manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.

**CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function – check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

**DO NOT EXCEED THE MAXIMUM MATERIAL SPECIFICATIONS.** See catalog pages for specifications.

**DO NOT OPERATED UNIT WITHOUT GUARDS IN PLACE OR GUARDS NOT IN WORKING ORDER.**

**DO NOT PERFORM MAINTENANCE OR ADJUSTMENTS WITH POWER ON.**

**DO NOT PLACE FINGERS OR APPENDAGES IN OR NEAR OPENINGS IN GUARDS.**

**DO NOT RUN UNIT WITH INCORRECT LINE VOLTAGE. REFER TO LABEL PLACED OVER I/O SWITCH.**

**DO NOT ALLOW UNTRAINED OR UNQUALIFIED PERSONNEL TO OPERATE UNIT.**

**DO NOT DEFEAT ANY OF THE SAFETY FEATURES DESIGNED INTO THE UNIT.**

**IMPORTANT: No liability will be incurred by The Eraser Co. 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.**

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