

The Warner **TC-124** Temperature Controller is designed to bring heating to a variety of Warner products. Accurate temperature control from ambient to 60°C can be achieved using this small and efficient device.

The **TC-124** can connect to and regulate many Warner products including the **OW Series Objective Warmer** the **QE-2 Quick Change Platform**. The device is simple to operate.

ASSEMBLY AND OPERATION

1. Make all necessary connections between the **TC-124** and the heater blocks on the device to be heated. A **CC-28** cable will usually be needed to complete the connection.
2. Plugging the wall adaptor into the **TC-124** temperature controller powers the unit.
3. The working (set) temperature of the controller can be set by pressing the HEAT UP or HEAT DOWN buttons. The LED display reports the *actual temperature* of the heated collar. Adjustment of the set temperature using either the HEAT UP or HEAT DOWN buttons causes the display to momentarily report the *set temperature*. In addition, pressing the VIEW SET button will report the set temperature for as long as the button is pressed.
4. The factory-set temperature range is set to 25-50 °C. Other temperature ranges can be selected by setting the dip switches located inside the rear panel to the appropriate values. Maximum allowed temperature is 65 °C.

Note: The temperature of the sample should be directly monitored using a separate measuring device to verify the proper operation of the **TC-124** following any adjustments to its default settings.



Declaration of Conformity
CE MARKING (EMC)

Application of Council Directive: 89/336/EEC

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| Standards To Which Conformity Is Declared: | EN55022 Class A EN61000-3-2 EN61000-3-3 EN50082-1:1992 EN61000-4-2 EN61000-4-3 ENV50204 EN610000-4-4 EN610000-4-8 EN610000-4-11 |
| Manufacturer's Name: | Warner Instruments, LLC |
| Manufacturer's Address: | 1125 Dixwell Avenue Hamden, CT 06514 Tel: (203) 776-0664 |
| Equipment Description: | Power Controller |
| Equipment Class: | ITE-Class A |
| Model Numbers: | TC-124 |

I the undersigned, hereby declare that the equipment specified above, conforms to the above Directive(s) and Standard(s).

Place: Hamden, Connecticut USA

Signature:



Full Name: Burton J. Warner

Position: President

Declaration of Conformity
CE MARKING (LVD)

Application of Council Directive: 73/23/EEC

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|--|---|
| Standards To Which Conformity Is Declared: | EN61010-1:1993 |
| Manufacturer's Name: | Warner Instruments, LLC |
| Manufacturer's Address: | 1125 Dixwell Avenue Hamden, CT 06514 Tel: (203) 776-0664 |
| Equipment Description: | Power Controller Safety requirements for electrical equipment for measurement and laboratory use |
| Equipment Class: | Class I |
| Model Numbers: | TC-124 |

I the undersigned, hereby declare that the equipment specified above, conforms to the above Directive(s) and Standard(s).

Place: Hamden, Connecticut USA

Signature:



Full Name: Burton J. Warner

Position: President

WEEE/RoHS Compliance Statement

EU Directives WEEE and RoHS

To Our Valued Customers:

Harvard Apparatus is committed to being a good corporate citizen. As part of that commitment, we strive to maintain an environmentally conscious manufacturing operation. The European Union (EU) has enacted two Directives, the first on product recycling (Waste Electrical and Electronic Equipment, WEEE) and the second limiting the use of certain substances (Restriction on the use of Hazardous Substances, RoHS). Over time, these Directives will be implemented in the national laws of each EU Member State.

Once the final national regulations have been put into place, recycling will be offered for those Harvard Apparatus products which are within the scope of the WEEE Directive. Products falling under the scope of the WEEE Directive available for sale after August 13, 2005 will be identified with a "wheelie bin" symbol.

Two Categories of products covered by the WEEE Directive are currently exempt from the RoHS Directive - Category 8, medical devices (with the exception of implanted or infected products) and Category 9, monitoring and control instruments. Most of Harvard Apparatus' products fall into either Category 8 or 9 and are currently exempt from the RoHS Directive. Harvard Apparatus will continue to monitor the application of the RoHS Directive to its products and will comply with any changes as they apply.



- Do Not Dispose Product with Municipal Waste.
- Special Collection/Disposal Required.