NEWPORT Electronics, Inc. warrants this unit to be free of defects in materials and workmanship for a period of ten (10) years from the date of purchase. In addition to NEWPORT’s standard warranty period, NEWPORT Electronics will extend the warranty period for four (4) additional years if the warranty card enclosed with each instrument is returned to NEWPORT.

If the unit malfunctions, it must be returned to the factory for evaluation. NEWPORT’s Customer Service Department will issue an Authorized Return (AR) number, which must be applied on or before return. This AR number must be included on any correspondence accompanying the returned unit. NEWPORT’s warranty does not apply to defects resulting from abuse, misuse, improper installation, or unauthorized repair or modification of the unit. In no event shall NEWPORT be liable for any incidental or consequential damages. This warranty is void if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion, or current, heat, moisture or vibration; improper specification, misapplication; misuse or other operating conditions outside of NEWPORT’s control. Components which are worn or not warranted, including but not limited to O-rings, filters, and seals, are not covered under the warranty. RETURNED PRODUCTS WITHOUT AUTHORIZED RETURN NUMBERS WILL NOT BE ACCEPTED.

WARNING: These products are not designed for use in, and should not be used with, any nuclear installations or activities. This device is marked with the international caution symbol. It is important to read the Setup Guide before installing or commissioning this device as it contains important information relating to safety and EMC.

This document may not be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of NEWPORT Electronics, Inc.

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To Enter Setpoints:
1. Press SETPTS to display the current setpoint. The leftmost digit will flash.
2. Press ▲/▲V to select the digit you want to change.
3. Press ▼/▼ to change the value of the flashing digit.
4. Press SETPTS to store the setpoint.
5. Press RESET twice to display the current temperature.

To Select Temperature Unit (Fahrenheit or Celsius):
1. Press MENU until the display shows °F or °C.
2. Press ▲/▲V to change the current temperature unit.
3. Press ▼/▼ to select between °F and °C.

To Set the Decimal Point
4. Press MENU to store the value.

Return Requests/Inquiries
Direct all warranty and repair requests/inquiries to the NEWPORT Customer Service Department. BEFORE RETURNING PRODUCT TO NEWPORT, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM NEWPORT’S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence accompanying the returned unit. The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR WARRANTY RETURNS, please have the following Information available BEFORE contacting NEWPORT:
1. P.O. number under which the product was PURCHASED.
2. Model and serial number of the product under warranty.
3. Repair instructions and/or specific problems relative to the product.

FOR NON-WARRANTY REPAIRS, please have the following Information available BEFORE contacting NEWPORT:
1. P.O. number to cover the COST of the repair.
2. Model and serial number of the product.
3. Repair instructions and/or specific problems relative to the product.

NEWPORT’s policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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For immediate technical or application assistance please call:
2229 South Yale Street • Santa Ana, CA • 92704 • U.S.A.
Toll Free: 1-800-639-7678 • www.newportUS.com • e-mail: info@newportUS.com
ISO 9001 Certified

To Set the Decimal Point
1. If it’s not already shown, press MENU until the unit displays °C, °F.
2. Press ▲/▲V to show the current decimal point location.
3. Press ▼/▼ to move the decimal point to the desired location. The choices are °F, °C.
Using This Quick Start Manual

Use this Quick Start Manual with your controller to make changes to the thermocouple type, decimal point, units, and to change the setpoints.

Features with ☑ are for the "B" version which has three-color programmable "Big" LED display - All segment characters shown are for the "B" version.

For detailed instructions, refer to the appropriate section in the Operator’s Manual.

Before You Begin

In addition to the meter and the related parts, you will need the following items to set up your meter:

- ac power, as listed on meter's ID/Power Label
- Thermocouple
- 1/8" flat blade screwdriver

Safety Consideration

This device is marked with the international Caution symbol.

The instrument is a panel mount device protected in accordance with EN61010-1 (Safety requirements for electrical equipment for measurement, control, and laboratory standard).

Remember that the unit has no power-on switch. Building installation should include a switch or circuit-breaker that must be compliant to IEC 947-1 and 947-3.

SAFETY:
- Do not exceed voltage rating on the label located on the top of the instrument housing.
- Always disconnect power before changing signal and power connections.
- Do not use this instrument on a work bench without its case for safety reasons.
- Do not operate this instrument in flammable or explosive atmospheres.
- Do not expose this instrument to rain or moisture.

EMC:
- Whenever EMC is an issue, always use shielded cables.
- Never run signal and power wires in the same conduit.
- Use signal wire connections with twisted-pair cables.
- Install Ferrite Bead(s) on signal wire close to the instrument if EMC problems persist.

Mount the Unit

1. Cut a panel opening using the dimensions shown to the right.
2. Position the unit in the opening, making sure the front bezel is flush with the panel.
3. Install retaining clip on the meter and tighten against the panel.

Warning: Do not connect AC power to your device until you have completed all input and output connections. This device must only be installed by a specially trained electrician with corresponding qualifications. Failure to follow all instructions and warnings may result in injury!

In order to maintain the same degree of protection as the AC units, always use a Safety Agency Approval DC source with the same Overload/Overcurrent and Pollution Degree.

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Using the Menus

To Change the Thermocouple Type:

1. Press MENU until the display shows

2. Press ☑/DEV to show current thermocouple type:

3. Press ☑/MAX to select the setting from J, K, T or DJ.TC.

4. Press MENU to store the value.

5. Press RESET twice to display the current temperature.

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