Warranty/Disclaimer
NEWPORT Electronics, Inc. warrants this unit to be free of defects in materials and workmanship for a period of one (1) year from the date of purchase. In addition to NEWPORT’s standard warranty period, NEWPORT will extend the warranty on this unit for (1) additional year if the warranty card enclosed with each instrument is returned to NEWPORT.

If the unit should malfunction, it must be returned to the factory for evaluation. NEWPORT’s Customer Service Department will issue an Authorized Return (AR) number immediately upon receipt of the unit. Upon examination by NEWPORT, if the unit is found to be defective it will be repaired or replaced at no charge. NEWPORT’s WARRANTY does not apply to defects resulting from: improper interface, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if this unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper applications; prohibited usage, mishap, or other operating conditions outside of NEWPORT’s control. Components that are new, but not limited to be included in the warranty may be charged.

NEWPORT is pleased to offer suggestions on the use of its various products. However, NEWPORT neither assumes responsibility for any instructions or advice given by our engineers nor assumes liability for any damages that result from the application of such instructions or advice. FOR NON-WARRANTY REPAIRS, use the following information. These instructions are for the repair charges. Here the following information is available. Use the following information:

1. P.O. number under which the product was purchased.
2. Model and serial number of the product, under warranty, and
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. Therefore, our customers receive the latest product technology and engineering.

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1. If it’s not already shown, press MENU until the menu shows:

To Set the Decimal Point Position:
2. Press 5/DEV. the meter displays:

3. Press 5/MAX to move the decimal point to the desired location. Choices are: FFF, or FFF.

4. Press MENU to select the decimal point position shown. The meter displays:

To Select the Temperature Unit (Fahrenheit or Celsius):
5. If it’s not already shown, press MENU until the menu shows:

Begin Operation
Reinitialize the meter (press RESET twice or press MENU until RST flashes on the display).

When the temperature appears, the meter is up and running.

Changing Setpoint Values:
6. While in RUN mode, press SETPTS. The unit displays setpoint 1:

You can change setpoint 1 or press SETPTS again to show the current value for setpoint 2.

2. To change the setpoint 1 value:

• Press 5/DEV until the digit(s) you want to change flashes on the display.

• Press 5/MAX to change the value.

• Press SETPTS to store the value shown. The current value for setpoint 2 is shown.

When setpoint 2 appears, you can change it using the previous steps or press SETPTS to return to RUN mode.

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NEWPORT electronics, Inc.
Using This Quick Start Manual
Use this Quick Start Manual to set up your controller and begin operation. Information is provided on how to:
- Connect ac power
- Connect the RTD
- Set basic options for operation
For complete information on all setup options, see 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
- RTD
- ∞ flat blade screwdriver

Mount the Meter
1. Cut a panel opening using the dimensions shown here.
2. Position the meter in the opening, making sure the front bezel is flush with the panel.

Connect ac Power
⚠️ Warning: Do not connect ac power to your meter until you have completed all input and output connections. Failure to do so may result in injury.
1. Remove the panel at the back of the meter.
2. Locate the TB1 connector.
3. Insert the correct wire in each terminal and tighten the lockdown screws. Tug gently on the wires to verify connections.

Connecting the RTD
1. Locate the TB2 connector on the rear of the meter.
2. Attach the RTD wires, referring to the appropriate diagram below and tighten down lockdown screws.
3. Tug gently on the wires to verify the connections.
4. Replace the panel at the back of the meter.

4-Wire RTD Input Connection

Turn on the Meter
1. Apply ac power to the meter. The meter initializes, flashing RST then RTD on the front panel. Then the temperature should appear.
2. Verify that a temperature is displayed. If not:
   - Remove ac power
   - Verify the TB1 power connections
   - Check your power source
   - Apply ac power again

Configure the Meter
To configure the meter, use the buttons on the front panel.

To Set the RTD Type:
1. Press MENU until the meter displays:
2. Press DEV. The meter displays:
3. Press MAX until the RTD for your installation is shown.
   - RTD 2 is for a 2-wire RTD
   - RTD 3 is for a 3-wire RTD
   - RTD 4 is for a 4-wire RTD
4. Press MENU to select the RTD shown. The meter displays: