

# Instruction Sheet

## sc100™ LDO™ Sensor Cap Replacement

Replace the sensor cap on the dissolved oxygen probe on a yearly basis or when sensor performance degrades. Direct or reflected sunlight degrades the inner surface of the sensor. Keep the sensor cap in the provided bag until installed.

Each sensor cap shipping bag and the sensor cap itself is marked with a three-digit or 10-digit sensor code, see [Figure 2](#). When a new sensor cap is installed, the code must be entered into the controller to characterize the sensor before returning the probe to the process stream.

**Figure 1** Install the new gasket and Sensor Cap



1. Clean the groove before installing the new gasket.	2. Seat the gasket in the groove.	3. Thread the replacement cap onto the probe and hand tighten. Do not overtighten, difficult cap removal will result.
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After threading the new sensor cap onto the probe, enter the sensor code as follows:

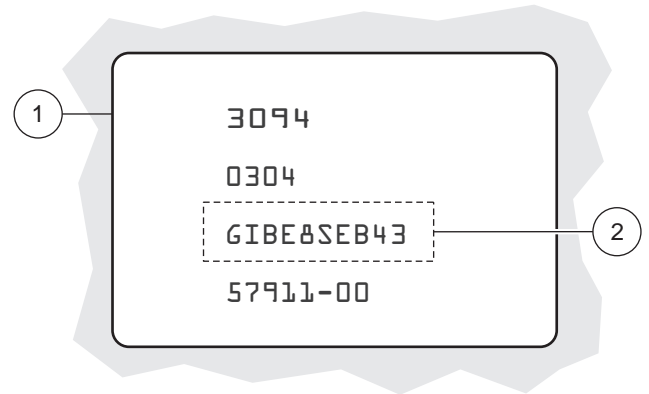
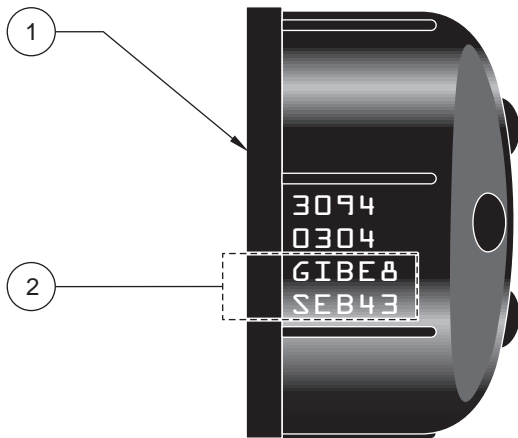
1. Press the **MENU** key to display the main menu.
2. Select Sensor Setup and press **ENTER**.
3. Select the sensor of interest and press **ENTER**.
4. Highlight Configure and press **ENTER**.
5. Press the **DOWN** key repeatedly until Sensor Code is highlighted. Press **ENTER**.
6. The character to be edited will be bracketed. Use the **UP** and **DOWN** keys to change the character. Use the **RIGHT** and **LEFT** keys to move to another character. If entering a three-digit code, enter the characters in the three left-most positions and terminate with a period (.).

**Note:** If the sensor code is entered incorrectly, "Invalid Sensor Code" will be displayed. Verify the sensor code and reenter.

7. Press **ENTER** when the sensor cap code entry is complete.
8. Press the **BACK** key to return to the previous menu. Press the **HOME** key to return to the measurement screen.

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Figure 2 Sensor Code on Sensor Cap and Shipping Bag Label



1. Sensor Cap	2. Sensor Code*
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1. Bag Label	2. Sensor Code*
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\* The sensor code will be a 10-digit number or a 3-digit number with a period. Enter only the code shown on line three.