

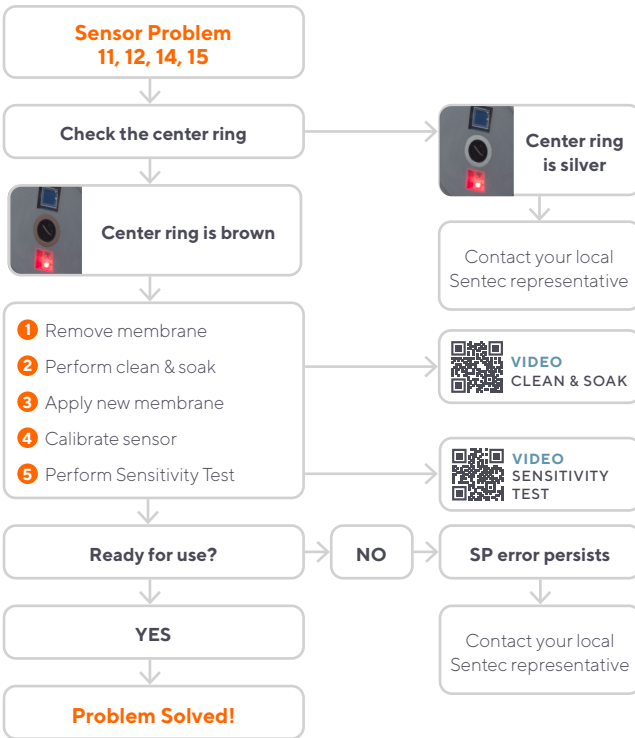


# Bedside Tips for Maintenance & Troubleshooting

Regular proactive sensor maintenance can help guarantee continuous performance and reliability of the Sentec Transcutaneous Monitor. However, in some situations the monitor may display an error message that needs to be resolved before monitoring. This reference sheet contains the steps to resolve common messages and continue patient monitoring with as little disruption to workflow as possible.

## Sensor Problems (SP) 11, 12, 14, 15

A Sensor Problem or SP message occurs when the sensor fails a calibration or Sensitivity Test. These failures can be caused by poor-quality membranes, dried out electrolyte, or in rarer cases, a defective sensor. Sensor Problems 11, 12, 14, and 15 may be resolved using the following workflow. **Note:** For all other Sensor Problem messages, contact your local Sentec representative.



**GUIDE**  
PROACTIVE  
MAINTENANCE  
CHECKLIST



**VIDEO**  
CLEAN & SOAK



**VIDEO**  
SENSITIVITY TEST

### Facility Specific Instructions

If you have a sensor problem or gas leak, contact:

**NAME:** \_\_\_\_\_  
**PHONE:** \_\_\_\_\_

If you cannot resolve an error message, contact:

**NAME:** \_\_\_\_\_  
**PHONE:** \_\_\_\_\_

**WARNING:** Refer to the Instruction Manual for the SDMS, Technical Manual for the SDM or the respective Directions for Use of the sensor and/or disposables for warnings, cautions and additional information such as instructions, routine checks, or maintenance recommendations.



These are available on  
[sentec.com/ifu](https://www.sentec.com/ifu)

# Gas Leak in Docking Station (DS)

A Gas Leak message appears when there is a poor seal between the sensor and the Docking Station Gasket. Gas Leaks may be prevented with good sensor and monitor care; Sentec recommends cleaning the sensor after every monitoring session and cleaning the Docking Station weekly or as needed if visibly dirty.

## Troubleshooting Common Causes & Actions

Cause	Troubleshooting Action
<b>1. Sensor was not correctly positioned during calibration.</b>	Verify sensor is clean and seated properly in the docking station door holder, then close the door to calibrate the sensor. If the problem persists, move to cause <b>2</b> .
<b>2. The Docking Station is contaminated with dried gel and debris.</b>	Clean the Docking Station with 70% isopropanol and let dry, then calibrate the sensor. If the problem persists, move to cause <b>3</b> .
<b>3. The Docking Station Gasket is out of place.</b>	Remove the Docking Station Gasket, clean the Docking Station with 70% isopropanol, and insert a new gasket.

## Replacing the Docking Station Gasket

- 1 Open the DS Door and gently remove the old gasket using plastic tweezers. Take care not to damage the Docking Station
- 2 Dispose of the old gasket.
- 3 Clean the lining groove using a lint-free cloth soaked with 70% isopropanol. Remove any residual threads and fibers using the plastic tweezers and allow to dry. Insert a new gasket into Docking Station.
- 4 Take the Gasket Insertion Tool and dip the beveled edge into 70% isopropanol.
- 5 Gently press the tool against the new gasket and turn in a circular motion to position the gasket completely in the Docking Station.
- 6 Visually inspect the Docking Station to ensure the gasket is completely in place without being twisted or backwards.
- 7 Close the Docking Station door to calibrate the sensor. Following the calibration, the monitor will run an automatic "leak test". This will take about 6 minutes in addition to the calibration. When the "Ready for Use" screen appears, the Gas Leak has been resolved.
- 8 If Gas Leak error persists, contact your local Sentec representative.

