



**LIVING SYSTEMS**  
INSTRUMENTATION  
www.livingsys.com • VT, USA

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# THERMISTOR REPLACEMENT SENSOR

THRS  
HANDLING AND CARE  
USER'S MANUAL

**DOC-312**  
**Rev. 1.0**

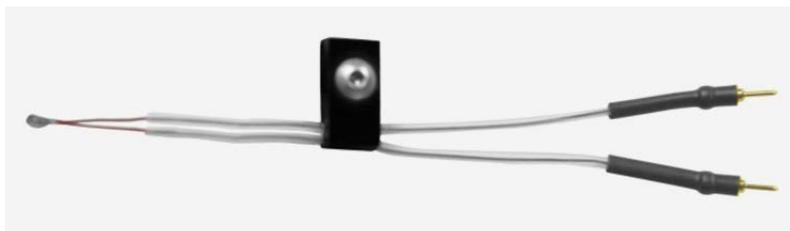
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## CHAPTER 1 | INTRODUCTION

Our miniature temperature sensors are designed to be chemically inert, produce very little fluid displacement, and occupy little space in the vessel bath. The THRS Thermistor Replacement Sensor includes a clip and screw for mounting the thermistor onto the base of your chamber.

*Figure 1.1 – THRS Thermistor Replacement Sensor*

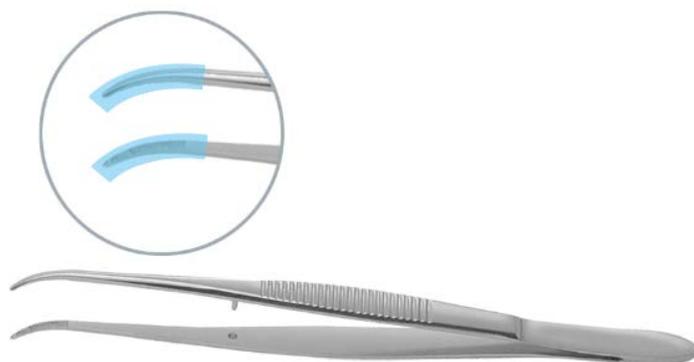


### Handling

The THRS has a microscopic Parylene conformal coating that provides a number of high-value surface treatment properties such as excellent moisture, chemical and dielectric barrier properties, as well as thermal stability.

It is not uncommon for a user to use forceps to manipulate the position of the wire into the bath of our vessel chambers. If not done with care, this can scratch the coating and damage the THRS. It is advised by Living Systems Instrumentation to be delicate when handling the THRS and cover forceps with tubing when manipulating the THRS as seen below.

*Figure 1.2 – Forceps Tubing Covers*



## APPENDIX A | CONTACT INFORMATION

Please contact Living Systems Instrumentation for information regarding any of our products.

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