

TROLL® Shield Nose Cone

Catalog Number 0081480

OVERVIEW

The TROLL Shield copper nose cone is designed to reduce macro- and micro-fouling of the pressure sensor on Level TROLL® and Aqua TROLL® instruments. Reduced fouling on the sensor improves measurement accuracy and extends the length of instrument deployments.

Use with:

- Level TROLL 300, 500, and 700 instruments
- Aqua TROLL 200 instruments

For optimum performance, replace the nose cone every 12 months.

INSTRUCTIONS

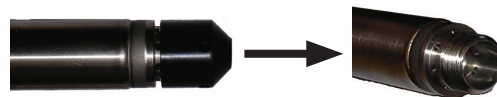


When the nose cone is removed, the sensitive pressure sensor diaphragm is completely exposed. Do not touch this area with any object!

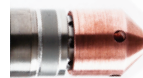


To avoid damage to the pressure sensor diaphragm, do not insert any object into the sensor opening or attempt to dig out dirt or other materials. Damage caused by digging or scraping in the pressure sensor opening is not covered by the warranty.

1. Remove the existing nose cone.



2. If the ports in the front end are clogged with silt or mud, try the following:
 - **Gently** dip the sensor end into a cup of clean water and swirl **slowly**.
 - From the outside of the sensor body, **carefully** clean plugged holes with a soft brush.
 - To remove hard deposits, soak the sensor end overnight in a mild acidic solution, such as household vinegar. Gently rinse with water afterwards. **Do not fully submerge the instrument.**
3. Securely attach the TROLL Shield copper nose cone.



OTHER ACCESSORIES

TROLL® Shield antifouling guard
for the Aqua TROLL® 100 and 200 instruments.....0085190

1 800 446 7488(toll-free, US and Canada) or 970 498 1500 **www.in-situ.com** **In-Situ Inc.**