

QUICK START GUIDE

CM-500 Cage Mount Clamp

Overview

The CM-500 cage mount clamp allows a NexSens X2-SDL submersible data logger or SBP500 submersible battery pack to be securely attached to the instrument cage of a data buoy system.

What's Included

- CM-500 cage mount clamp
- Neoprene rubber strip
- (2) 1/4" U-bolts
- (4) 1/4" washers
- (4) 1/4" nuts, nylon insert
- (2) Hose clamps

Installation

1. Place the U-bolts onto an arm of the instrument cage and run them through the slots on the CM-500 clamp.



Figure 1: Mount U-bolts and Clamp

2. Place the 1/4" washers and nylon insert nuts onto the U-bolts.



Figure 2: Place Washers and Nuts

3. Use a 7/16" socket to evenly tighten the nuts until the clamp is secure.

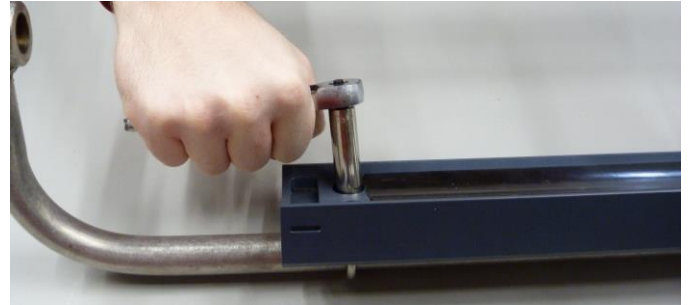


Figure 3: Tighten Nuts

4. Run hose clamps through the slots.

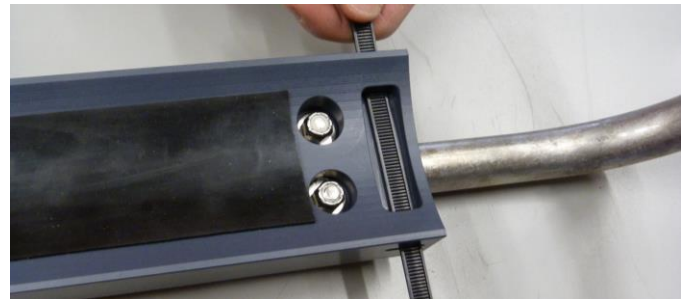


Figure 4: Install hose clamps

5. Place the X2-SDL or SBP500 into the clamp and firmly tighten the hose clamps using a 5/16" socket.



Figure 5: Tighten Cable Ties

6. Take care to not overtighten the hose clamps on the X2-SDL.

NOTE! When used in rough water applications, adding a security strap or taping the X2-SDL or SBP500 to the cage is recommended for added protection of the instrument.