



Important Notes on the Proper Care of ONDA Hydrophones

We are pleased that you have chosen an Onda Corporation acoustic measurement device. To help extend the life of your hydrophone, please take a moment to read the following precautions and maintenance tips.

- + **Never physically touch the tip of your hydrophone.** The thin coating on the tip of the hydrophone can be damaged, leading to corrosion or degradation of the active element. Dropping or bumping the tip of the hydrophone on a hard surface will generally result in some damage to the coating, the active element, or both. Use a squeeze bulb or a 1 atm. pressure stream of clean air or other gas to remove liquids or particles.
- + **Do not insert the tip of the hydrophone into a test fixture.** Doing so may cause inadvertent contact between the tip and the fixture, and is one of the most common ways of destroying hydrophones. You may use a side mount clamp to hold it instead.
- + **Limit the amount of time that the hydrophone is immersed in liquid.** During a break or at the end of a test session, it is best to remove the hydrophone from the liquid (water or other). This will help extend the life of the hydrophone.
- + **Use clean de-ionized and degassed water for high intensity measurements.** De-ionized water is best to avoid electrical coupling in strong conducting fields, and degassed water improves the accuracy of the readings. Onda Corporation offers water treatment devices for de-ionizing and degassing water to meet your requirements in this area.
- + **Use only the supplied box to store your hydrophone.** Our hydrophone box is designed to ensure that the tip is safe from all contact while in storage.

For additional information or questions on Onda Corporation hydrophones, please consult our website at www.ondacorp.com or give us a call at (408) 745-0383.