



THE DIVE SLATE

ISC Welcomes Luminox and Momentum

International Scuba Center has recently added two new watch companies to our growing list of quality partners. We are happy to announce we are now dealers for both Luminox and Momentum line of fine watches.

Luminox is driven by a commitment to offer cutting-edge luminescence and readability in its line of high-performance sports watches. The Navy SEALs made Luminox timepieces famous by adopting them as their watch of choice. Later, the US Air Force pilots flying the F-117 Nighthawk fighter jet also selected Luminox technology. Other elite military and law enforcement units



continued the procession of adopters of Luminox technology as their standard equipment. Is it any wonder that the man on the street decided if it could stand up to the demands of a Navy SEAL it could stand up to his daily use.



Every Luminox timepiece employs a tiny self-powered micro gas light, good for at least twenty five years. These micro gas lights that are installed into the hands, hour marks and, where needed, the bezels are the reason that Luminox watches glow, no matter what the light level and even in complete

darkness without requiring a charge from an external light source. No fumbling for a button to push to activate a light or shining a flashlight on your watch to activate its luminosity. Time-at-a-glance just became a no brainer underwater.

Momentum is a registered trademark brand of St. Moritz Watch Corporation specializing in high quality sports watches. They have become well known as manufacturers of quality dive and sport watches boasting an unmatched selection of models, technologies and price-points in the SCUBA market.

Their approach is to provide the best quality and value by sourcing each part that goes into their watches direct from the source, delivering the maximum bang for the buck. This is why it is not unusual to find one of their watches with a Swiss movement, Japanese steel case and deluxe Italian band. We think you will find their offerings a little out of the ordinary and in a price range to meet almost any diver's budget.



**We will start two new Open Water Classes on :
May 18, 2011 7:00 pm for Wednesday Night Classes
May 19, 2011 7:00 pm for Thursday Night Classes
Each will be held at the Scuba Center.**



Is Your Regulator Ready To Perform ?

The local dive season is just around the corner and many clients are preparing to leave on that diving vacation they have been looking forward to for months. We thought this would be a good time to review some regulator inspection tips that most anyone is capable of doing to insure your life support system is performing as the manufacturer intended.

So knock the cobwebs off that regulator and make sure a mud dauber hasn't taken a liking to your second stages and lets get started.

- 1) Check all hoses for cuts, punctures or deep abrasions. Particular attention needs to be paid to the area where the metal fittings are crimped to the hoses. This area seems to bear the brunt of stress that hoses receive. You may need to slide any hose protectors down the hose to fully inspect this area.
- 2) Make sure hose connections are not loose especially if you had to twist the hose protectors in the previous step to loosen them. A snug, hand tight fit usually suffices... don't over tighten if using a wrench.
- 3) Check the first stage inlet / filter for any particulate matter that may have accumulated. Discoloration of the filter could indicate water intrusion which might mean future problems.
- 4) Next check the integrity of the second stage housing. Small cracks in the second stage housing might go unnoticed but performing a simple watertight check should reveal any problems. Connect your first stage to a tank and without turning the air on take a breath from the second stage holding it for a few seconds (don't attempt to inhale too hard or you might collapse the exhaust valve which would defeat the purpose of the test). If you don't feel that you are drawing air thorough the regulator then chances are it is watertight. Don't forget to check your octopus as well.
- 5) Now you can turn the air on pressurizing your hoses and listen for leaks. The definitive test is to submerge the entire unit in water looking for bubbles. No bubbles being detected while twisting your pressure gauge / console should be proof that those small high pressure o-rings are performing as intended.
- 6) Another test that is easy to perform is checking the cracking pressure of your second stages. With the mouthpiece facing up slowly submerge the second stage into the water. It should not free flow until immersed about an inch to an inch and a half. If it free flows immediately the cracking pressure might be set to light. Conversely if it doesn't free flow until the mouthpiece opening is underwater then it is probably set too high. It is usually advisable for your octopus to have a higher cracking pressure than your primary to avoid unnecessary free flowing during your dive.
- 7) This last step should only be attempted if you feel comfortable removing the second stage diaphragm cover. Some units require no special tools for this procedure. If your regulator requires something more than simply unscrewing the cover with your hand this step should be avoided. Unscrew the cover and inspect the inside of your second stage for debris such as sand and dirt. If the diaphragm can be easily removed you can hold it up to a light source and look for any pin holes or tears that might have developed. If any light can be seen through it chances are it will breathe wet if not replaced.

If you would like to learn more about the workings of your regulator and other diving equipment then an Equipment Specialty Course should be in your future plans. Contact us for more information.

Instructor Class Planned For Fall

ISC is accepting enrollees into our ITC fall class. We have three candidates currently enrolled. The course will be taught by Instructor Trainer Steve Hale who is also the regional Instructor Evaluator for IDEA. This course will require several weekends to complete. If interested please contact the shop to discuss prerequisites.

TRI-CITY DIVERS

Just a reminder that Tri-City Divers usually meets the 2nd Tuesday of the month. The Firehouse Restaurant, Johnson City, TN is the current location.

Dinner at 6:00 pm

Program at 7:00 pm

For more information or to be added to their mailing list send an email to

pbbond@comcast.net



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