

Instructions

SAFETY PRECAUTIONS

- **NEVER** use this product underwater without receiving TRAINING and CERTIFICATION in the technique of SCUBA diving from a recognized certification agency. Use of this equipment by a person who is not certified by a recognized agency shall render all warranties, express or implied, null and void. Use of underwater breathing devices by uncertified or untrained persons is dangerous and can result in severe injury or death.
- EasyDive is recommended for depths less than 30 feet.
- **NEVER** dive with a system that shows signs of damage, leakage or substandard performance.
- **NEVER OVERFILL** the system above 3000 psi, the air pressure stamped on the cylinder. **ONLY** use purified, dry compressed breathing air when refilling cylinder.
- **DO NOT** fill or use the system if it has been exposed to extreme heat exceeding 250°F, or open flame. Instead, discharge the cylinder completely and return it to an Authorized Dealer for inspection and possible hydrostatic testing.
- **DO NOT** use the regulator first stage as a carry handle when lifting the system as this can damage the regulator.
- **NEVER** breathe completely empty underwater. Water will enter inner stages of the regulator and may result in internal corrosion and require service. **ALWAYS** rise to the surface when the pressure gauge shows 500 psi.
- **ALWAYS** dive with EasyDive full – less starting pressure means less time underwater.
- **NEVER** leave the EasyDive standing upright. **ALWAYS** store lying down to prevent damage in case of tipping over.
- **NEVER** rise up to the surface faster than the air bubbles.
- **NEVER** hold your breath underwater. Breathe normally in and out during the whole dive.

GENERAL INFORMATION

- Practice using EasyDive in shallow water. Practice switching between the SNORKEL & DIVE modes on the Snorkelator. The amount of air you will receive will vary based on your lung capacity, depth, water temperature, exertion level, etc.
- EasyDive utilizes a dry snorkel, however some water may still enter the snorkel. To clear the Snorkelator, tilt your head to the left and exhale sharply. Repeat occasionally to keep clear.
- EasyDive is shipped empty – fill prior to use.
- The harness does NOT have built in buoyancy.
- The harness has pockets for optional weights, depending on your size & weight you may want to use them to help you dive underwater easier. **DO NOT** overweight yourself.
- Cylinder and Harness are packed in a position ideal for shipping. Prior to use, loosen cylinder strap and lower cylinder in Harness so that 1st stage sits below top of Harness and retighten strap.
- **ALWAYS** wear dive fins when using EasyDive.
- *Some components may come in different colors/styles than shown online and in manual.*



EASYDIVE IS AVAILABLE IN 2 DIFFERENT OPTIONS:

1. Option 1 utilizes unique Tank Valve & 1st Stage Regulator Combo for the lightest weight option.
2. Option 2 with traditional separate Tank Valve and 1st Stage Regulator is the most versatile with the option to add extra SCUBA cylinders.

Product Specifications:	
Cylinder Volume	19 cu.ft.
Maximum Pressure	3000 psi / 207 bar
Weight (Option 1)	15 lbs.
Weight (Option 2)	16 lbs.
Air Supply	Up to 30 mins.
Regulator type	Classic downstream




P/N: 700-003, Option 1



P/N: 700-003-2, Option 2

EasyDive Option 1 Combo includes:

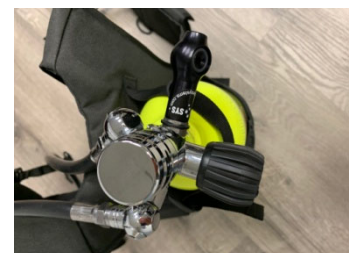
- 19 cu.ft. DOT/TC marked cylinder
- Custom Adjustable Harness
- Tank Valve/1st Stage combo
- 2nd Stage Regulator
- Mini Pressure Gauge
- Snorkelator (dry snorkel with patented valve to switch between DIVE & SNORKEL modes with a turn of the dial)
- Carry Bag
- Air Compressor Refill Adapter #920C 

EasyDive Option 2 with separate Tank Valve includes:

- 19 cu.ft. DOT/TC marked cylinder
- Custom Adjustable Harness
- Tank Valve
- 1st Stage Regulator
- 2nd Stage Regulator
- Mini Pressure Gauge
- Snorkelator (dry snorkel with patented valve to switch between DIVE & SNORKEL modes with a turn of the dial)
- Carry Bag
- Refill Adapter not necessary (fill at a dive shop same as standard SCUBA cylinder)

FILLING EASYDIVE OPTION 1 USING #920C AIR COMPRESSOR REFILL ADAPTER (For dive shop):

1. Attach #920C Adapter to Refill Port until finger tight ONLY.
Note: Apply small amount of food grade silicone grease to threads.
Note: Do not apply a wrench or otherwise overtighten.
2. Attach the yoke from the compressor to the Adapter and fill cylinder to 3000 psi.
3. When full, press the 2nd stage Purge Button to bleed.
4. Check the Pressure Indicator. If tank is full, the Dial Gauge will read 3000 psi.
5. Store EasyDive Kit with On/Off Knob in the OFF position until ready to dive.



OPTIONAL METHODS FOR FILLING – NOMAD PORTABLE AIR COMPRESSOR (sold separately)

Filling EasyDive units is easy using the Nomad High Pressure Portable Air Compressor! Nomad purchased from Submersible Systems includes Deluxe Filter & Custom Refill Adapter (#930C or #910Q).



Deluxe Filter



#930C



#910Q

Supplemental instructions for use with EasyDive (refer to Nomad User Instruction Manual for general operating instructions):

1. For safety, always lay down cylinder on its side during filling.
2. Starting after Step 7 on page 5, attach Deluxe Filter to output hose as seen in picture. Deluxe Filter end with the male connector is the air inlet, and the other end with female quick disconnect is the air outlet. The direction must be correct.
3. Option 1: Attach #930C Adapter to Refill Port on Spare Air, HEED & EasyDive (option 1) and attach to Deluxe Filter. Option 2: Attach #910Q Adapter to Tank Valve on EasyDive (option 2) and attach to Deluxe Filter.
4. Continue with Step 8 on page 5.

Notes & Precautions:

- *Deluxe Filter - Ultra large air filter combines disc filters, activated carbon deodorization and desiccant. Includes a second filter tube along with replacement parts - 10 filter discs, 4 o-rings, & 5 burst discs. This filter removes impurities and residual moisture created during pumping process. Deluxe Filter replacement: under normal circumstances replace after being used 30 times or approximately 50 hours. If the filter element is dirty, may be replaced sooner. Approximate service life is 1 year.*
- *When replacing entire filter tube, the desiccant must be at the end of the male connector/air inlet.*
- *Due to size of EasyDive, 1 EasyDive fill = 5 fills as stated in Nomad User Manual.*
- *Time to fill – may take up to 60-75 minutes.*
- *Not for use on cylinders larger than 19 cu.ft.*
- *RUN TIME - 15 minutes is the max time that it should be on. Once it hits 15 min it should be allowed to cool. This is easily accomplished with a 15 on 15 off cycle and in most cases it will not take that long to cool.*



Option 1



Option 2

Available for purchase at www.spareair.com!

BEFORE USING THE SNORKELATOR



1. Ensure that the Snorkelator is securely attached to the regulator.
2. Familiarize yourself with the operation of the Snorkelator & practice turning the dial to each function several times:

← Turn the dial to 'SNORKEL' when breathing off the snorkel (dial is pointing toward the snorkel).



← Silicone Gasket (black portion holds snorkel to regulator)

← Turn the dial to 'DIVE' to breathe off the regulator (dial is pointing to the regulator).

PRE-DIVE CHECK

1. SLOWLY open the On/Off Knob counter-clockwise to pressurize the regulator.
2. Check that there are no audible leaks. NEVER DIVE with a regulator that shows any signs of leakage when pressurized.
3. Visually check mini pressure gauge for needle to be within green zone.
4. Push Purge Button down and release. Purge Button should move up and down freely. To maintain full pressure do not purge unnecessarily.
5. Affix your scuba diving mask to the Snorkelator clip.
6. Put vest on and adjust for a snug but comfortable fit. Add soft weights to pockets (OPTIONAL).
7. Position the 2nd stage regulator over the right shoulder.
8. Turn dial on Snorkelator to DIVE mode and take a few breaths off the regulator to ensure everything is working correctly.

USING EASY DIVE

1. Ensure the dial is in SNORKEL mode and place the mouthpiece in your mouth.
2. After entering the water, practice switching the dial between SNORKEL and DIVE modes.
3. When ready to submerge, turn the dial to the DIVE mode and ensure air is flowing through the regulator.
4. Breathe normally and enjoy your dive. DO NOT hold your breath.
5. When surfacing, keep dial in DIVE position until snorkel is above water.
6. At the surface, take in a full breath from SCUBA, then turn the dial to SNORKEL mode.
7. Exhale sharply into the mouthpiece to clear water from snorkel. If water remains in the snorkel, tilt head to the left, take a deep breath, and exhale sharply again.
8. Take small, slow, steady breaths to maximize the duration of air supply.
9. Regularly check your Pressure Gauge and return to the surface when pressure gauge shows 500 psi.
Note: Do not use until completely empty underwater as water will flood the internal components and will therefore require service and cleaning.

POST-DIVE

NOTE: Rinsing should occur as soon as possible after diving.

1. Remove unit from harness.
2. Before rinsing, check Pressure Gauge and make sure EasyDive is not empty (has some pressure) to prevent entrance of moisture into the system. Refill if necessary.
CAUTION: If empty, water may have entered the regulator and cylinder and could lead to corrosion and/or failure of the system. Refer to Maintenance section.
3. Soak the whole EasyDive unit (pressurized – Tank Valve ON) for at least 30 minutes in fresh water after each use. Rinse the 2nd Stage and Snorkelator thoroughly to remove salt water and/or sand.
4. Turn the Snorkelator dial several times between DIVE and SNORKEL mode while rinsing in clean, fresh water.
5. Turn On/Off Knob on clockwise until it is completely closed.
6. Gently shake to dislodge any water and wipe dry with a clean towel.
7. Store EasyDive full or with some positive pressure to prevent contaminants from entering the cylinder. Store in a clean, dry environment with optimum temperatures of 50-75°F for best product performance. Avoid direct sunlight, automobile trunks or other areas subject to temperature extremes.

NOTE: Industry guidelines recommend replacing air in cylinders annually.

ROUTINE CARE & MAINTENANCE

- For general cleaning, use a mild dish soap or Simple Green / biodegradable solution.
- For sanitizing, use a commercially available regulator sanitizer available through a dive shop.
- Keep the threads on the Refill Port (Combo model) clean and lubricated. Use high-quality, non-toxic, food grade silicone grease for best results.
CAUTION: Never use a hydrocarbon based oil (i.e. household oil or motor oil).
- If you notice damage, wear or suspect any leaking or missing parts, have EasyDive examined immediately.
WARNING: Do not attempt to repair yourself. Unauthorized repairs or tampering is hazardous.
- EasyDive regulator should be serviced annually by an Authorized Dealer or by Submersible Systems to assure proper performance. It cannot be assumed that a regulator is in good working order on the basis that it has received little or no use. Prolonged or improper storage can result in premature deterioration of o-ring seals.
- The cylinder has a DOT 3AL3000 rating and will require hydrostatic testing every 5 years. A visual inspection is recommended annually. The cylinder should be inspected internally and externally for pitting, corrosion, dents, cracks or other damage.

TROUBLESHOOTING

- Every unit is tested before shipping, however, regulators can go into free-flow when accidentally triggered and this does not mean there is a product defect. If 2nd stage goes into a free-flow, make sure the Snorkelator lever is in the Snorkel position. The free-flow can be stopped by holding the regulator upside down so the front cover faces the surface. If the free-flow doesn't stop, try pressing the purge button or pressing the palm of your hand over the mouthpiece.
- If sand or debris interferes with the smooth turning of the dial, rinse the product more thoroughly while turning the dial. If sand still persists unscrew the top cap and remove the dial and rinse all parts thoroughly until clean. Place a small amount of food-grade silicone grease with your finger around the o-ring. Place the dial back inside the Snorkelator valve with the dial pointing at the snorkel, then replace the threaded cap tightening all the way down until you feel resistance. Turn the dial a few times to SNORKEL and then to DIVE mode to ensure proper functionality.
- If the silicone gasket begins to show signs of wear, contact Submersible Systems for servicing or replacement.

FAQ

1. How do I get my EasyDive filled? Take the EasyDive Option 1 along with the included refill adapter #920C to any dive shop and they will fill it for you for a nominal fee. EasyDive Option 2 uses a standard Scuba tank valve and does not need #920C. Dive shops have high pressure air compressors that pump clean breathing air. EasyDive comes with a DOT/TC marked cylinder and is not for use in EU countries.
2. Can I fill my EasyDive off a compressor purchased at a hardware store? No, small compressors sold at hardware stores only pump low pressure (about 125 psi) and do not filter the air so it is not breathing quality air. EasyDive has a high pressure 3000 psi cylinder.
3. Can I travel on a commercial airline with EasyDive? TSA regulations state that a tank valve must be removed from the cylinder, which in the case of EasyDive is professionally attached. Therefore, it would take a professional to remove and reassemble it. For that reason we do not recommend flying with your EasyDive system. An alternative is to ship it (must be empty) to your vacation destination prior to your trip and then get the EasyDive filled at your destination. If you want to travel with a small air system, check out the Spare Air at www.spareair.com which can be easily disassembled and taken on airlines.
4. Can I buy an extra cylinder? EasyDive Option 1 Combo integrates the tank valve and 1st stage of the scuba regulator into a very small and lightweight footprint that is unlike standard scuba set-ups. This means that you cannot simply swap out the cylinder with another full cylinder. EasyDive Option 2 has a separate tank valve and 1st stage regulator that allows you to purchase extra cylinders and simply swap them.
5. Do I need to be a certified diver to use EasyDive? Yes, users should be scuba certified to understand the proper procedures and understand the risks when using scuba equipment.
6. What depth can I use EasyDive kit to? It is recommended to use EasyDive at less than 30 feet.

STATEMENT OF WARRANTY

Submersible Systems, Inc. guarantees to the original purchaser only, that the equipment purchased is free of defects in material and/or workmanship under normal recreational scuba use for a period of one (1) year from the date of purchase provided proper care and maintenance have been performed as prescribed by the owner's manual. Should this product prove to be defective for any reason (other than those listed as limitations below) the product will be serviced or replaced at Submersible Systems' sole discretion at no charge (excluding shipping and handling). Send to:

Submersible Systems, Inc.
7413 Slater Ave.
Huntington Beach, CA 92647

LIMITATIONS

This warranty shall be void if the equipment has been tampered with by a person not authorized by Submersible Systems to perform service. Warranty does not extend to cover damage from accident, abuse, tampering, lack of maintenance, theft or loss. Service or modifications by any person or persons other than an Authorized Dealer voids the warranty. Submersible Systems, its Authorized International distributors, and Authorized Dealers make no other warranties, either express or implied, orally, or in writing, with respect to any other warranty coverage except those expressly stated within the preceding paragraphs.



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