



INDIAN VALLEY SCUBA

Required Equipment List:

Recreational & Technical Sidemount Diving

Note: STUDENTS WHO ARE PURCHASING EQUIPMENT FOR TRAINING SHOULD CONSULT WITH AN INDIAN VALLEY SCUBA INSTRUCTOR TO ENSURE THEY ARE PURCHASING GEAR THAT IS SUITABLE FOR THE COURSE.

Recreational Sidemount Setup

Scuba diving in Sidemount configuration uses much of the same equipment that is part of a Standard Scuba Setup. The key changes are those that adapt your diving setup to accommodate a single or double-tank sidemount rig and setup. Here's what you'll need (as a minimum, of course) to safely enjoy sidemount diving within recreational scuba diving limits.

- Sidemount Buoyancy Control Device
- Two (2) second stage Regulators, each with a Submersible Pressure Gauge (SPG)
- Two short high pressure hoses (6' for positioning SPGs up, 6' to 10' for positioning SPGs down along the tank)
- One short (30' to 36') low pressure hose and one long (preferably 5" to 7") low pressure hose
- Two (2) first stage regulators, preferably swivel turrets with a 5 port low pressure connection
- Quick-Disconnect BCD Inflator Hose (on Left Regulator), preferably 14' to 22'
- Two (2) Compressed Gas Cylinders with Valves, preferable with a left and right hand valve
- Two Tank Cam Bands with two large 1.25" Swivel Bolt Snap SS and two large 4.75" Stainless Steel Double Enders
- Hose retainer bands for both tanks
- Scuba Mask
- Mask Defog
- Scuba Fins (Open Heel with Boots)
Neutrally buoyant fins are typically preferred for wet suit diving.
- Snorkel
- Quick Release Weight System
- Dive Computer [or a Depth Monitoring Device & Waterproof Timing Device]
- Adequate Exposure Protection for environment [consider the greater bottom time with sidemount!]
- Audible Surface Signaling Device
- Visual Signaling Device [SMB or DSMB & Finger Spool]
- Recreational Dive Planner (unless diving with a computer)
- Log Book (Physical Copy, not electronic) Mesh Gear Bag
- Mesh Gear Bag

Technical Sidemount Setup

Sidemount diving offers so many advantages over backmount configurations, not only for recreational divers, but for Tec Divers also. Along with the extended bottom time you'll experience with dual sidemounted cylinders, you might wish to consider accommodating staged penetration of one- or two-gas decompression mixes. All this is learned in your Tec Diving Course at IVS, but the tricks to setting up, carrying & managing all those extra cylinders is what Technical Sidemount training is all about. In addition to the items listed above, Tec Sidemount divers require the following items to be added to their kit:

- Two (2) Decompression Regulator Setups, each with an SPG
- Cam Bands or Rigging Kits for Two (2) additional cylinders
- Two (2) additional stage or deco cylinders
- Possibly additional exposure protection

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