



**bio-control bcd**  
DHS + AIRCROSS MECHANISM



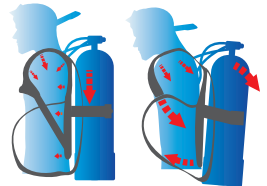
**issue** Inadequate harness (backpack) and bladder system cause discomfort, excessive use of air, and potentially hazardous conditions

**solution bio-control bcd**

**ON SHORE** Direct harness system (DHS) attaches shoulder straps directly to the back pack. Tank is held closer for a more stable position and is less likely to drag the vest downward. The increased stability reduces back strain and makes walking with tank much easier. A thick solid plate with cushy lumbar pad increases back comfort as well as tank stability. **IN THE WATER** The average bcd does not distribute air properly. **SOLUTION** Even distribution of air is crucial for safety and comfort. Apollo's patented Aircross mechanism disperse air evenly around body. No more struggling or wasting air trying to keep yourself upright at the surface or in a stable position underwater. **EVERYTHING MOVES** Throughout a dive tank bands expand, neoprene suits compress, and weight of tank tends to pull you out of position. **SOLUTION** Our patented bio-tank lock is spring loaded to automatically compensate for band expansion. Waist buckle automatically adjusts for a snug and comfortable fit. All systems and features work together to make every dive effortless and fun.

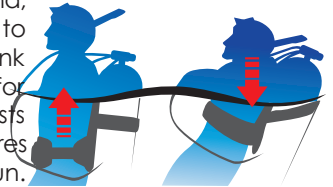
**APOLLO'S DIRECT HARNESS**

**OTHER BRAND HARNESS**



**APOLLO'S AIRCROSS MECHANISM**

**OTHER BRAND BLADDER**



**RELAX...enjoy your dive.**  
**Bio-control bcd has got your back!**

Take control! Don't be a slave to your gear. The bc is an essential piece of gear. It holds your tank, helps you stay afloat at the surface, as well as maintain depth during the dive. Most bcd's don't go beyond fulfilling these very basic requirements. Changing conditions during a dive often cause most other brand bcd's to move out of place, loosen at the waist, and even let go of your tank.

The harness system on most brands utilize a shoulder strap to front vest attachment. The result is tank drag. To compensate for this sinking feeling divers often improperly tighten straps, hunch forward, and heft the whole system around searching for a comfortable position. Once in the water the standard harness continues to work against you by allowing the tanks weight to move the vest and you from side to side. So much energy and air is wasted on constant adjustment that you end up missing a lot of your dive.

We believe your gear can and should make you more comfortable and safe on shore and in the water. Our patented Bio-tank lock, patented Aircross mechanism and Direct Harness System work together to ensure you are always comfortable. Whether you are trekking down to that shore dive, preparing to step off a boat, or cruising through the water this bcd is working to ensure your pack and tank are securely in place and that enjoying every moment in comfort.



- Type/Material Weight integrated vest / 420 denier fabric
- Tank Retention Bio-tank lock is spring loaded for 10X tighter hold on tank. Automatically adjusts for strap expansion to ensure tank is held tight. Just a few quick turns of the oversized knob will quickly get you moving from one tank to the next.
- Weight Pockets 2 Front pockets hold up to 10 lbs each, oversized quick release grips for easy access and removal as needed. 2 Rear stationary pockets hold up to 5 lbs each. Pockets can accommodate both bar and pouch weight.
- Cummerbund Padded, ergonomically shaped, with spring loaded buckle; that automatically adjusts fit to maintain placement of bcd.
- Inflator System Apollo's patented inflator with touch and oral inflation has been included with our top systems for over two decades.
- Relief Valves A trio of our patented relief valves are included. Pull on hose, shoulder valve, or lower rear valve for fine tuning as needed.
- Cargo Pockets Roomy interior is large enough to stowe a snorkel. Oversized zipper for easy access with gloves on. External bungee system and mesh bottoms to reduce drag.

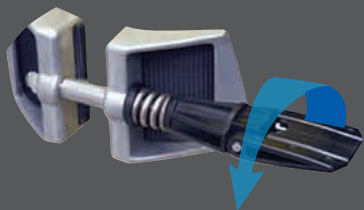
Size	Lift	Height	Weight	Waist
Small	24 lbs lift	58 - 63"	88 - 132 lbs	24 - 31.5"
Medium	6.5 lbs lift	59 - 67"	132 - 143 lbs	28 - 35.5"
Large	29 lbs lift	63 - 69"	132 - 176 lbs	31.5 - 40"
X-Large	31 lbs lift	67 - 71"	154 - 198 lbs	31.5 - 43.5"

# accessories

## solutions for every diver

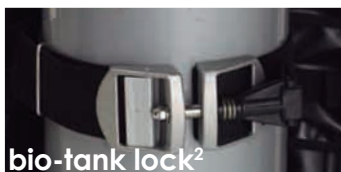
# bcd

**Just a few quick turns...  
you'll never have  
a tank slip again!**



Have you ever been enjoying a dive when suddenly you feel a tugging sensation on your regulator? Your tank strap isn't doing its job and you are about to become separated from your tank. It is not a comfortable feeling.

**GET A GRIP!** DON'T let a loose tank ruin your dive. Secure your tank in seconds with very little effort and up to **10x** more tightening torque than possible with any conventional tank buckle. The adjustable screw system makes installation and removal from tank a breeze breeze. Heavy duty spring mechanism will automatically adjust as webbing contracts to keep your tank in place and stable.



bio-tank lock<sup>2</sup>



**issue** cam buckles are hard to tighten, tank bands expand at depth, and tanks slip

**secure** your tank quickly and easily



### **solution bio-tank lock (tank retention system adapts to any bcd)**

Buoyancy compensators commonly employ a cam type buckle system. The old style design requires time to thread between dives and is difficult to tighten securely. The patented Bio-tank lock utilizes a spring loaded adjustable screw tightening system that provides up to 220 lbs (99 kg) of torque. 10x more than a cam system can provide. Your tank stays put.

**NO MORE struggling** to get you cam buckle down only to wonder if it will hold this time  
**NO MORE re-threading** between dives

**NEW** tank adjustment lever; installing on multiple tank sizes is now easy as 1-2-3  
**just a few quick turns** to install or remove  
**oversized knob** is easy to turn; even with heavy gloves, cold, or weaker hands

**compact** knob folds back against vest for a snug, streamlined placement

**trapezoidal screw** up to 220 lbs of tightening torque; eliminates risk of tank slippage

**buckle and tension system** made from rugged metal castings and superior quality stainless steel  
**quick to install** no tools required

**adjustable strap** size is 33" inches long to accommodate multiple tank sizes and 2" wide (industry standard) to fit most bcd's

**price** \$79 bio-tank lock with strap



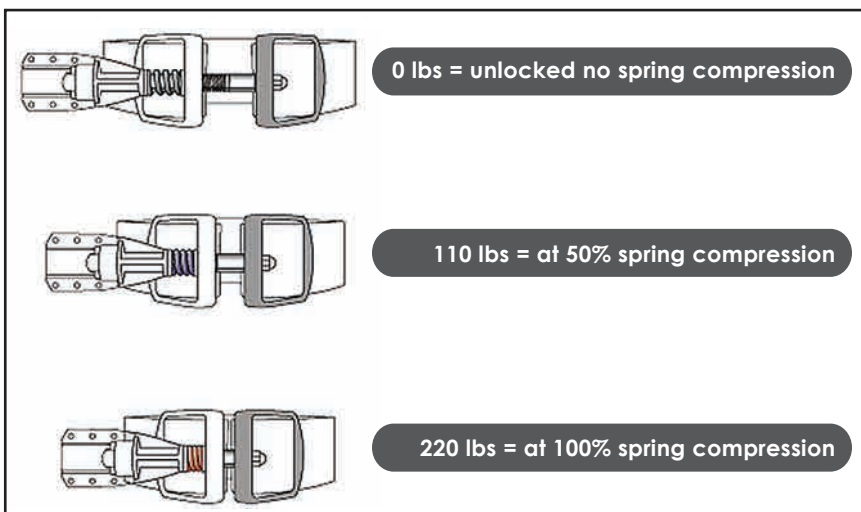
**1** Lift tank lever and pull strap



**2** Press tank lever down to lock



**3** Few quick turns ready to go



# accessories

solutions for every diver

## gauges bcd's & more...



**issue** compass cards get stuck when you attempt to view at an angle.

### **solution ac-40 wrist compass**

Unique pivoting card design allows the ac-40 to function even when held at an angle. Hi-vis face plate is easily read in low and no light conditions. Rotating bezel allows you set a course. Side read window for easier access to compass information. Includes our patented auto adjust wrist strap. \$79.00



**issue** neoprene suits compress at depth causing your wrist straps to become loose.

### **solution auto adjust wrist strap**

Our patented stainless steel auto adjust buckle is included with your choice of velcro wrist strap. Spring tension allows for expansion and contraction for a comfortable and secure fit at all times. Keep your computer and other vital wrist mounted gauges in place and in sight for immediate access. Also great for tightening down gloves. Length: XX" Available in two widths: Strap A .875" Strap B 1" \$15.00



**issue** neoprene suits compress at depth causing your weight belt and bc to loosen.

### **solution auto adjust waist buckle**

Our patented stainless steel auto adjust buckle compensates for suit compression at depth. Spring tension allows for expansion and contraction to insure a comfortable and secure fit at all times. No more wasting time and air hassling with a spinning weight belt or loose fitting bcd. Fits up to 2" wide belt; easy to install on bcd and weight belt \$39.00



**issue** dangling gear can be dangerous to you and damaging to the environment

### **solution auto return accessory retractor**

Just attach your gauge, light, or other accessory item to the hook. Item is held fast and out of the way rather than dangling somewhere behind or below you. Pull out to arms length (XX") for easy use. Retractor will automatically returns to starting position when you let go. No more searching, damaging surroundings, or silting up the water with dragging gear. Plus your gear is also less likely to get damaged. Fits up to 2" wide bc strap or weight belt. \$25.00

