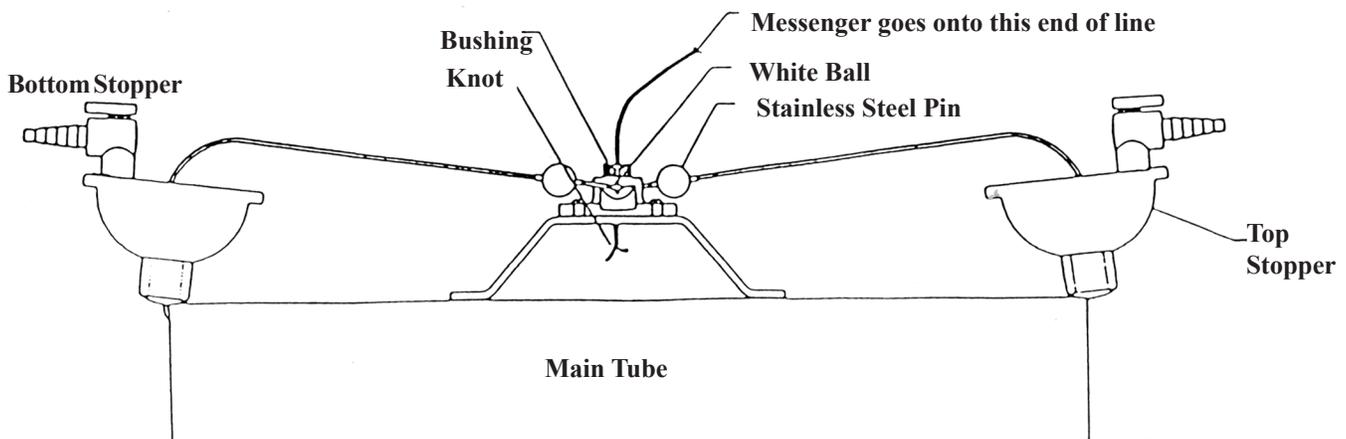


## 1120-1180 Vertical Alpha™ Bottles Operating Instructions

- The bottle release mechanism is designed to be used *only* in a *non-series* operation mode.
- A messenger is required to activate the tripping mechanism. Wildco® recommends an 11 oz. messenger (such as **45-B10**) unless there is a very long air drop and the bottle is close to the surface of the water, in which case a lighter-weight messenger may work along with a shock absorber (**45-B40**).
- **Do not use a messenger heavier than 11 oz!** Damage to your sampler may result.

### Procedure:

1. Make a preliminary inspection prior to use of the bottle. Close the air vent and the drain valve.
2. Place the bottle so that the bushing on the trip mechanism is on the top of the handle.
3. Run a line or cable through the hole in the trip assembly and knot the line or secure the cable so that it cannot pull back through the hole. It must be securely fastened to hold the weight of the bottle when filled with the sample.
4. Find the two stainless steel (SS) pins in the trip assembly. Both pins are 1/16" above the plastic trip assembly.
5. Grasp one of the round, white balls on the cable assembly. Pull the stopper out of the end of the main tube.
6. Repeat the above instructions with the other stopper and hook the cable loop on the pin which projects above the plastic trip assembly. The bottle is now in the "SET" position.
6. Hook the other cable loop on the pin which projects above the plastic trip assembly. The bottle is now in the "SET" position.
7. Lower the bottle to desired depth in the water, keeping the line taut. Pull bottle sideways to obtain a water sample for the desired depth. Drop messenger down the line. It will strike the tripping mechanism, causing the cables to release and the stoppers to close, trapping the sample inside the bottle.



### Warranty and Parts:

We replace all missing or defective parts free of charge. All products guaranteed free from defect for 90 days. Does not include accident, misuse, or normal wear and tear and applies to original purchaser only.

### P/N 005517

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### Recommended Accessories:

- **45-B10** 11 oz. split messenger
- Line, cable and chain. Polyester line, 5 mm (3/16") diameter; or steel cable, 3 mm (1/8") diameter.
- Winches and winch mount
- **910-G22** Molded Plastic Utility Case, Large
- Hand reel
- **45-B40** Messenger Shock Absorber

# Vertical Alpha™ Bottles

## 1120-1180: Subassemblies and Replacement Parts

### Test before you sample!

We recommend that any new sampler be thoroughly cleaned prior to any sampling. In the event you are performing chemical sampling, before any sampling is done, first fill the sampler with distilled, contaminant-free water and test to determine what contaminants may be present in the sample.

We also recommend that the above procedure be repeated throughout the sampling season.

**This sampler is NOT recommended for chemical sampling.**

### Note about contamination:

Samplers with blue seals may leach phosphorus and mercury and are not recommended for chemical sampling.

### Safety:

To prevent injury, keep your hands clear of open ends of the main tube while the bottle is open.

	1120 - 2.2 L	1130-3.2 L	1140 - 4.2 L	1160-6.2 L	1180-8.2 L
A. Trip Assembly	1120-L130	1120-L130	1120-L130	1120-L130	1120-L130
B. Tubing Assembly	1120-L33	1130-L33	1140-L33	1160-L33	1180-L33
C. End seals with air/drain valve (2 pack)	1120-L105	1120-L105	1120-L105	---	---
D. Cable Assembly (2 pack)	1120-L125	1130-L125	1140-L125	1160-L125	1180-L125
E. Handle	1120-L122	1120-L122	1120-L122	1120-L122	1120-L122
B, C, D, & .014 Center Assembly	1120-L137	1130-L137	1140-L137	1160-L137	1180-L137
014. Connector (2 pack)	1120-L112	1120-L112	1120-L112	1160-L13	1160-L13
017. Hose Clamps (2 pack)	1120-L17	1120-L17	1120-L17	1160-L17	1160-L17
019. Main Tube Transparent	1120-L118	1130-L118	1140-L118	1160-L118	1180-L118
019. Main Tube PVC	1120-L120	1130-L120	1140-L120	1160-L120	1160-L120
C. End seals without valve	---	---	---	1160-L11	1160-L11

