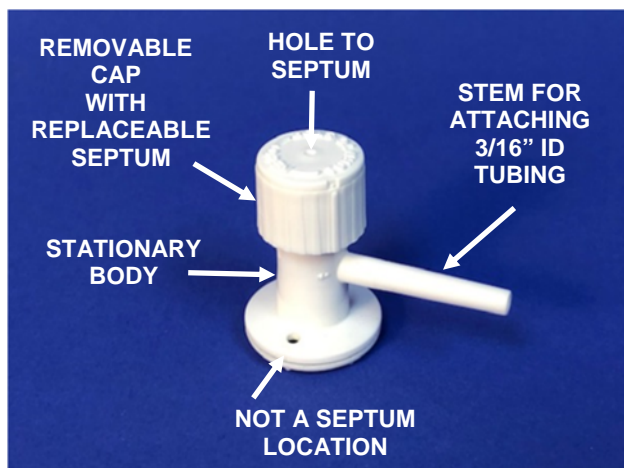


# OPERATING INSTRUCTIONS

## SCREW CAP COMBO VALVE



### NOTES:

- 1- To open and close valve, turn cap only. Valve body is stationary.
- 2- Valve is supplied with cap in closed position.
- 3- Replaceable ultra-low bleed septum inside cap.
- 4- Two holes in valve base are not suitable for use as septa.
- 5- Gas bags should always be flushed 3 or 4 times with Ultra-Pure Nitrogen, or Zero Air, shortly before use.
- 6- Do not turn cap using pliers. No tools required.
- 7- Do not exceed 2 to 3 PSI, maximum. Gas sampling bags are designed to inflate sufficiently to contain gas samples - NOT TO BE PRESSURIZED.
- 8- Only fill the bag to 75-80% of maximum capacity (about 3/4). Do not fill the bag to the point where it is taut.

**TO CONNECT TUBING:** Push 3/16" ID tubing over end of stem (or attach compression fitting after cutting off tapered end of stem). Fluoropolymer tubing is recommended. Vinyl and Silicone tubing are not recommended due to leachables.

**TO OPEN VALVE:** Turn cap counter-clockwise by hand, until it stops.

**TO CLOSE VALVE:** Turn cap clockwise by hand, until it stops.

**TO TAKE A SYRINGE SAMPLE:** Use only Point Style #5 or Point Style H needle to pierce septum. Insert needle through hole in cap, approximately 3/4" into valve body. Do not use Needle Point Style #1, #2, or #3.

**TO REPLACE SEPTUM:** Turn cap open counter-clockwise until it stops. Two raised vertical lines molded into opposite sides of cap will line up above two shorter raised vertical lines molded into sides of valve, under bottom edge of cap. To remove cap, grip sides of cap between the two raised vertical lines and pull it up, while holding the valve body down. After cap is removed, insert a small diameter rod (i.e. a paper clip) into hole on top of cap to push out the old septum. Insert new septum into the valve cap with the shiny (slippery) fluoropolymer side facing the bag. Push the new septum down into place using the end of valve stem. Push cap back onto valve in open position by lining up the two raised vertical lines on the cap over the two raised vertical lines on the body. When these lines are over and under each other, push the cap down onto the valve body. To close the valve, turn the cap clockwise.