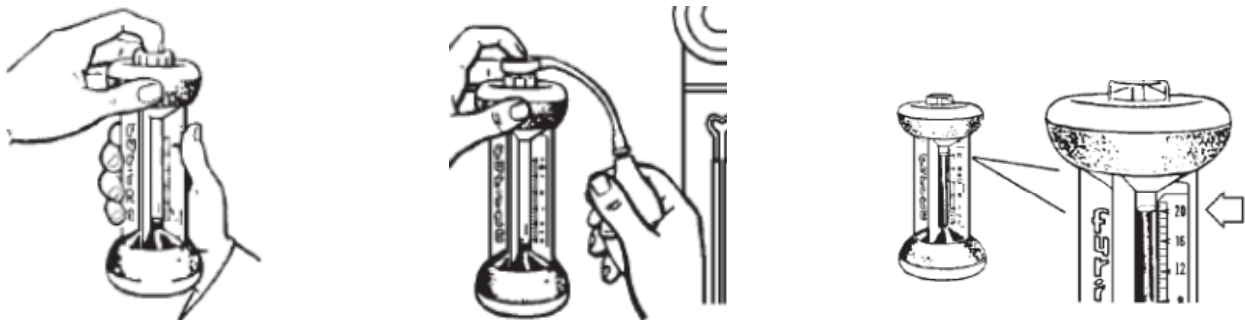


### Fryite Gas Analyzer – CO<sub>2</sub> (Red Fluid)

1. Always hold the Fryite away from your face.
2. Hold upright, depress the Plunger Valve to vent and release.
3. Invert at an angle to drain the fluid into the top reservoir.
4. Turn upright at an angle to drain the fluid into the bottom reservoir.
5. Hold upright, depress the Plunger Valve to vent and release.
6. Holding upright loosen the lock nut at the rear of the scale. Slide the scale until the fluid column lines up with the zero line on the scale. Tighten the locknut.
7. To pump gas sample into the Fryite, attach the hose to the sample port of the incubator.
8. Hold the Fryite in an upright position and place the sampling assembly rubber connector tip firmly over the Plunger Valve.
9. Depress the Plunger Valve and pump by squeezing and releasing the bulb 18 times.
10. During the 18<sup>th</sup> bulb squeeze, release the connector tip and Plunger Valve.
11. Adsorb the gas into the Fryite by inverting until the fluid drains into the top reservoir.
12. Then turn upright to drain the fluid into the bottom reservoir.
13. Repeat once.
14. Hold at an angle to allow the fluid to drain into the bottom reservoir.
15. With the Fryite upright, allow the fluid column to stabilize and read immediately the percent CO<sub>2</sub> on the scale at the point corresponding to the top of the fluid column.



## **Stock Cultures**

### **Primary Stock Cultures (Microbank Beads):**

- Transfers from beads when a new working-stock is required
- Inoculate the cryopreservative fluid from an 18-24 hour pure culture and emulsify the organism. The microorganisms will bind to the porous beads.
- Remove as much of the excess cryopreservative fluid as possible.
- Store the inoculated cryovial at -20°C for the best long term results.
- When a fresh culture is required, a single bead is removed from the vial and used to directly inoculate the suitable culture medium.
- AVOID excessive changes in temperature which reduce the viability of the organism.

### **Working Stock Cultures (Charcoal Transport Culturettes):**

- Inoculate charcoal culturette from an 18-24 hour pure culture that has been isolated from the Microbank beads.
- Store the inoculated charcoal culturette at -20°C for the best long term results.
- Sub all QC bugs from charcoal culturettes at the beginning of each month.
- Take charcoal culturettes out of the freezer.
- Let them sit for 10-20 minutes until you are able to put a sterile cotton swab through the charcoal gel (do not let the gel thaw completely).
- To keep from contaminating the culture, only dip sterile cotton swab into charcoal culturette gel once and discard.
- Return charcoal culturette to the freeze as soon as finished.
- To insure viable organisms; make new charcoal culturettes
  - Weekly QC organisms every 6 months.
  - Chocolate QC fastidious bugs every month.
- Store Campy charcoal culturette in a campy bag in the freezer.
- Anaerobes should be subbed from beads only as needed.