

C'MON PLEASE WORK! I KNOW I SHOULD'VE TREATED YOU BETTER...AND I PROMISE I WILL....

I'LL DO ALL THE MAINTENANCE I SHOULD'VE DONE... BUT YOU GOTTA WORK NOW!

THE TIME TO BE NICE TO YOUR BIDS IS BEFORE YOU HAVE PROBLEMS WITH IT....

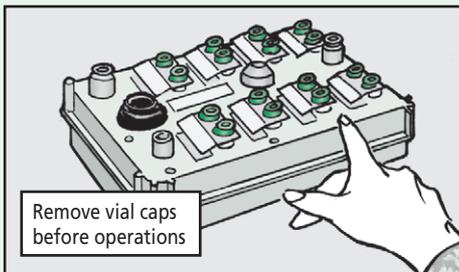
BID ADIEU TO BIDS PROBLEMS!



The BIDS (biological integrated detection system) is a complicated and sensitive system for detecting biological threats. But a few very **uncomplicated** tips for operating and caring for your BIDS can help you bid adieu to problems.

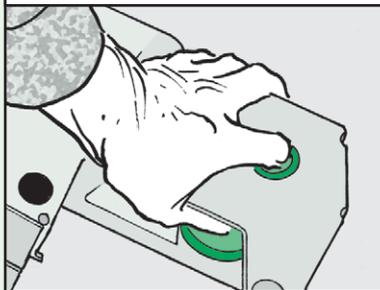
### Biological Detector

The assay tray has 21 vials the probes fit in. Those vials have caps on them that must be removed before you operate the biological detector or the probes will be bent. A bent probe can cause a false negative or crack a vial. Before operations, make sure all the vial caps are off and none of the probes are bent.



Never try to force the cassette assembly in place. The detector will sense the cassette is not advancing and it won't work. Try advancing the cassette's tape 1/8 to 1/4 inch by turning the right-hand spool. That usually helps the cassette fit in place.

Turn right-hand cassette spool 1/8-1/4 inch

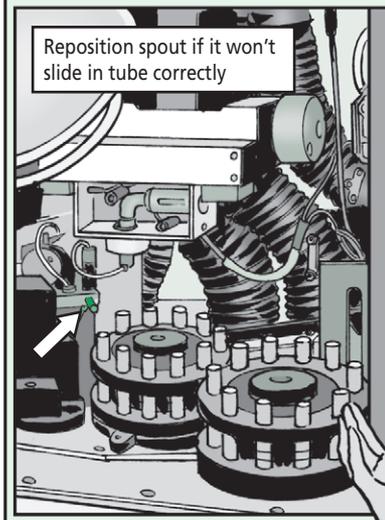


If the tape is moving but the detector doesn't sense it, the detector's sensor needs a quick cleaning. Use a cotton swab and the cleaning solution that comes with the assay kit to clean the sensor.

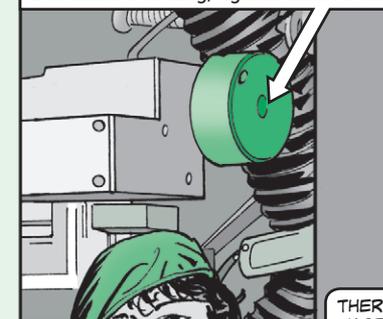
### Liquid Sampler

Sometimes the sampler's spout raises too high and then it won't go into the tube correctly, resulting in spills that contaminate the sampler. The fix is to turn off the sampler and reposition the spout so it can slide in the tube like it's supposed to.

If the screw for the scrubber knob works loose, then the knob can't raise and lower the scrubber. When you hear the scrubber making a clicking sound, that means it's time to tighten the knob's screw.



If scrubber is clicking, tighten knob screw

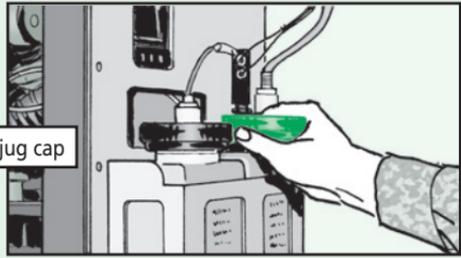


THERE'S MORE, MON AMI!

PS MORE

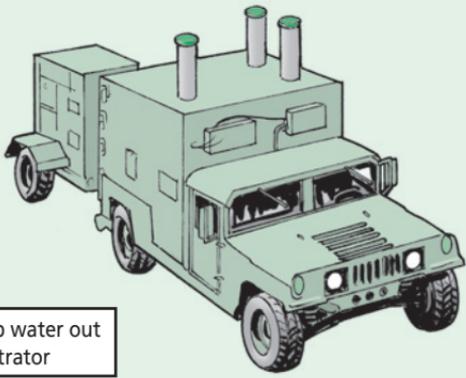
If you get low air flow when you turn on the sampler, check that the cap on the waste jug is tight. A loose cap is the most common cause.

Low air flow? Check waste jug cap



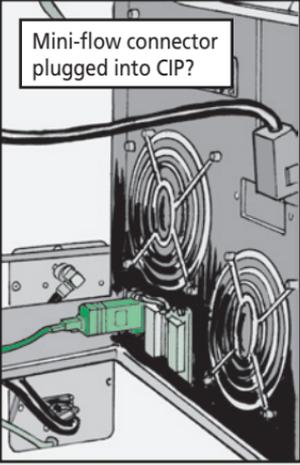
If you ever find water in either internal collector concentrator, **don't operate them.** Dry them out as much as possible and tell your contract maintenance. They need to dry out the concentrator's internal components. If you try to operate the concentrators when they're wet, it can cause big-league damage. You can seal out water by keeping the stacks covered when you're not using the BIDS. After a storm, make sure the covers haven't blown off.

Keep stacks covered to keep water out of internal collector concentrator



### Mini-flow Cytometer

If the cytometer has just come back from repair, double check that the yellow mini-flow connector is plugged into the port labeled CIP (central info processor) and not into the port labeled SERVICE or CONSOLE. If the connector is plugged in wrong, too much info goes to the CIP. Same thing happens if you forget to turn off the GPS before you operate the miniflow cytometer. The fix if this happens is to turn off the cytometer and restart it.



Mini-flow connector plugged into CIP?

VOILA!  
GOOD PM  
FOR YOUR  
BIDS!!

PS  
END

