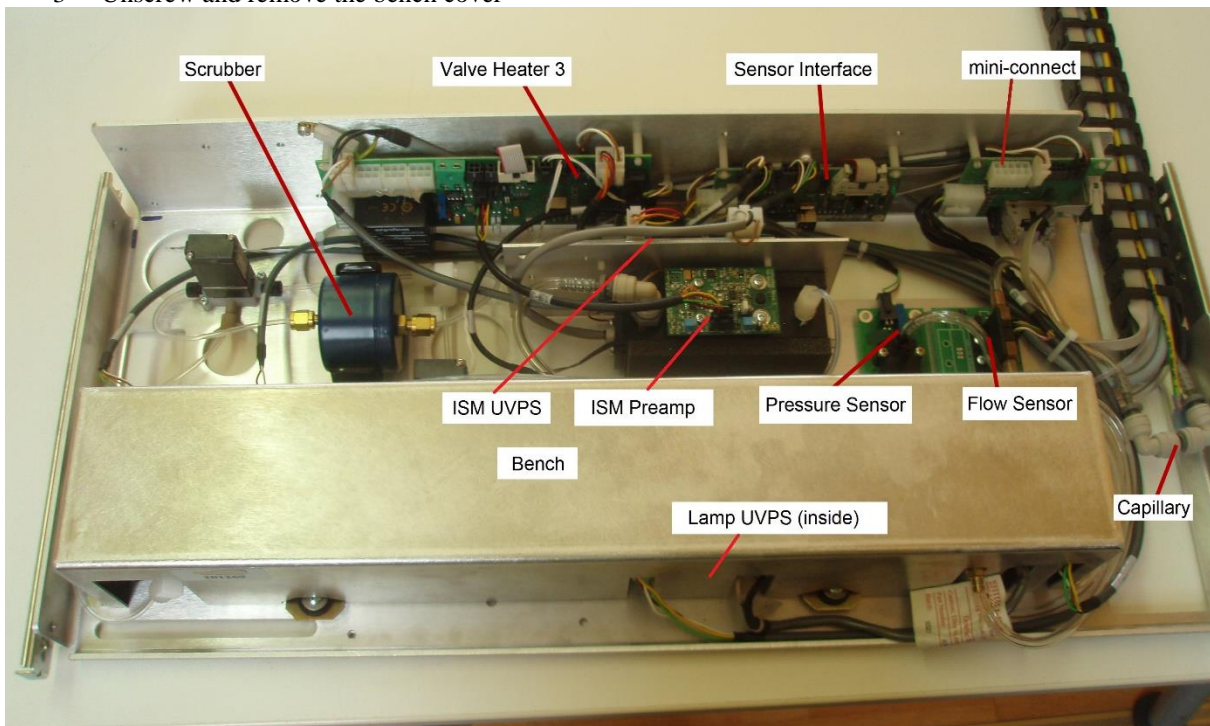
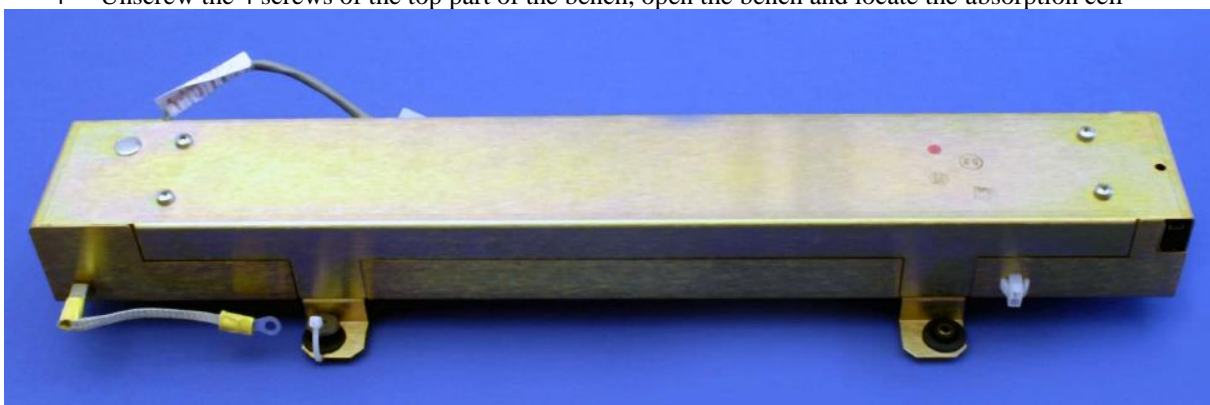


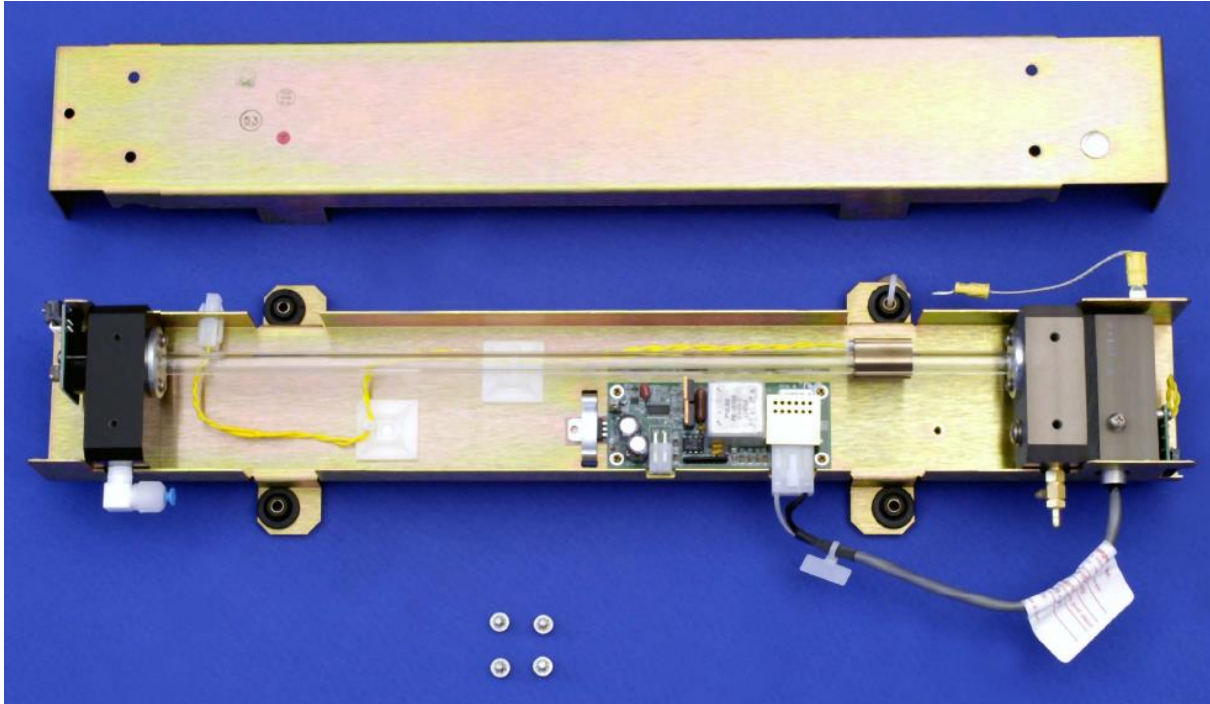
O3 module (A) – Cleaning the absorption cell

- 1- Tools you need
 - 1 medium and 1 small Philips screwdrivers
 - 40 cm of teflon tube 1/8" [800-301501]
 - a rubber lid
 - a piece of lint-free cloth or a sample filter 747mm [800-330030]
- 2- Turn off the airpointer, pull out the power cord, and pull out the ozone module
- 3- Unscrew and remove the bench cover

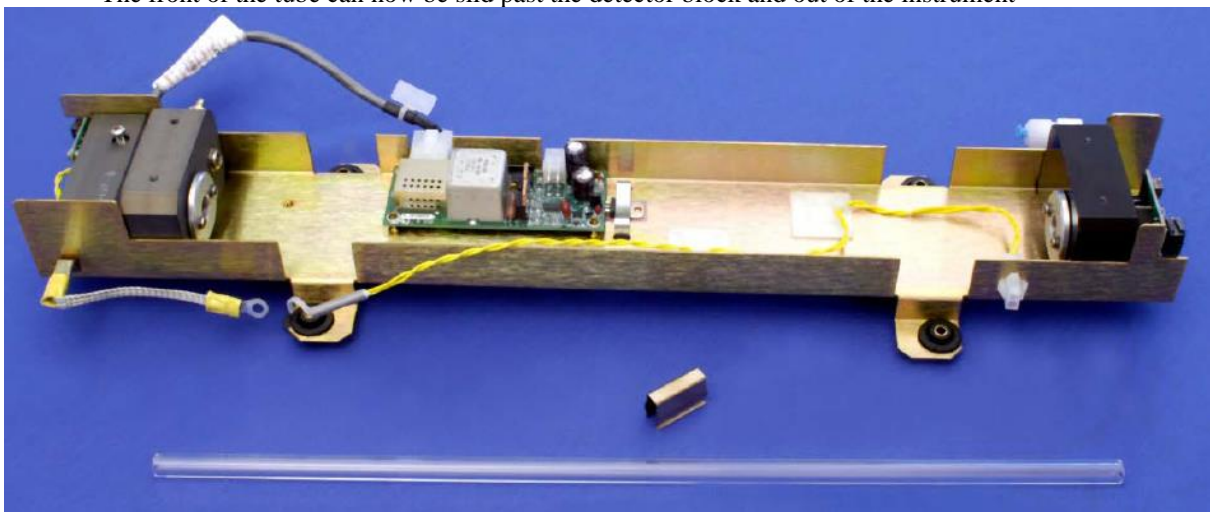


- 4- Unscrew the 4 screws of the top part of the bench, open the bench and locate the absorption cell





- 5- Remove the four screws from the absorption tube retaining rings at both ends of the absorption tube
- 6- Using both hands, rotate the glass tube to free it, then carefully slide the tube toward the lamp housing. The front of the tube can now be slid past the detector block and out of the instrument



Do not cause the tube to bind against the metal housings. The glass tube may break and cause serious injury

- 7- Clean the tube at first with a dry, lint free cloth (e.g., Teflonsheet). If this does not work, repeat cleaning with a wet cloth. If persistent dirt is still left, clean with soapy water by running a swab from end to end. Rinse with clean water afterwards, then let it air-dry. Check the cleaning job by looking down the bore of the tube. It should be free from dirt and lint
- 8- Inspect the O-Rings that seal the ends of the optical tube (these O-Rings may stay seated in the manifolds when the tube is removed.) If there is any noticeable damage to these O-Rings, they should be replaced

9- Reassemble the tube into the lamp housing and perform a Sample Flow Check



It is important for proper optical alignment that the tube be pushed all the way down (detector end) of the optical bench when it is reassembled