



## Extended Instrument Shut Down for Pion Rainbow Fiber Optic System Storage Guidelines

Complete the following steps to store any Rainbow Fiber Optic System when not in use.

For all Fiber Optic Systems:

1. Ensure the probes and tips are cleaned thoroughly before storage.  
To clean: remove the tips from the probes and rinse probe ends and tips (inside and out) thoroughly with DI water, wipe clean with non-abrasive lint-free wipe, and repeat with organic solvent (methanol, ethanol, IPA, etc.) and final wipe.
2. Place probe tips in storage containers and place protective caps on probe ends. If protective caps are not available, tips should be stored on probe ends to prevent damage. Do not overtighten tips.
3. Ensure the lamp and system is off by pressing the power button on the front panel.
4. Ensure the probes are positioned in a way that they cannot be bent or have items placed on top of them that would cause damage.
5. Turn off and unplug the instrument.

For systems with a Minibath MB8 or MB6:

1. Power off the Minibath using the power switch on the back. For systems with an external heater/circulator, power off the heater circulator.
2. Wipe down the MiniBath block with 50/50 mixture of water and organic solvent (IPA/Water recommended).
3. For systems with an external heater/circulator, disconnect and drain the water OR replace this water and add an algaecide to prevent growth.
4. Unplug the instrument(s).

For systems with a MacroFLUX:

1. Disconnect the stirring heads and clean with DI water, wipe clean with non-abrasive lint-free wipe, and repeat with organic solvent (Methanol, ethanol, IPA, etc.) and final wipe.
2. Ensure that the plastic covers are attached to protect damage to the stirrer. If none are available, a µFLUX vessel can be used. Store in a safe place to protect from damage.

