



## TPI Combustion Analyzer Sensor Care

The combustion analyzers use state of the art electrochemical sensors. This sensor technology provides the longest lasting, most accurate and reliable means for performing combustion tests.

Electrochemical sensors by nature are always active. Therefore the time the analyzer is off and not being used must be taken into account when determining sensor life.

The sensors are always under power even when your analyzer is off. You should keep the battery of your analyzer fresh / charged so power is constantly being supplied to your sensors.

The following guidelines will help prevent damage to your sensors:

**Always** use the mini pump filter when testing flue gases.

**Always** periodically check and replace the mini pump filter as needed.

**Always** make sure the in-line filter / water trap is installed properly.

**Always** periodically check and replace the in-line filter as needed.

**Always** remove water or condensation from the inside of the in-line filter / water trap assembly prior to performing tests.

**Always** use the optional oil filter (p/n A773) when performing tests on oil burning equipment.

**Always** maintain power to the sensors.

**Never** allow the analyzer to freeze or store it in a cold location.