

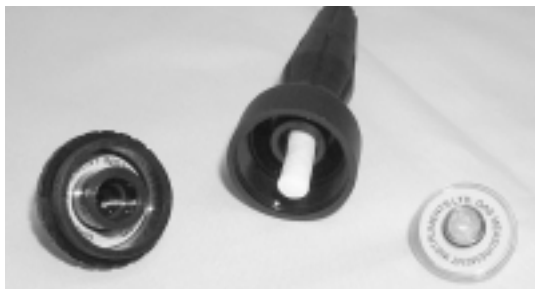
Heath Consultants Gasurveyor Maintenance Tips

TIP 1

The cotton and hydrophobic filters are vital elements in the defense against contaminant ingress into your instrument. Therefore, it is very important to ensure that they are inspected regularly and changed as necessary. The cotton filter is the first filter in the flow path to be exposed to the sample where it filters out dust and other particles. More importantly, it is designed to expand and create a back-pressure when exposed to water causing a sample fault which will disable the pump and prevent water ingress. The cotton filter is a low cost and disposable element that when used properly protects the hydrophobic filter.



TIP 2



The hydrophobic filter serves as a water barrier in the event that any quantity of water makes it past the cotton filter before the sample fault shuts the pump off. If this happens the hydrophobic filter can be removed and allowed to dry out. The hydrophobic filter should always be installed in the same direction using the yellow label as an aid in determining the direction of installation. The yellow label should face the matching yellow label in the filter housing. Just remember, yellow to yellow when installing the hydrophobic filter.

TIP 3

Periodically inspect the battery compartment to ensure no corrosion is present on the battery springs from leaking batteries. Check to ensure that the tension on the batteries from the battery springs remains tight, especially on older instruments. Replacement springs are available upon request.



TIP 4



For calibration purposes, clean the infrared ports on the instrument with a cotton swab to ensure proper communication with the test link adaptor or the Depot Checker. For caked on dirt, water or alcohol can be applied to the cotton swab.

TIP

For those users of Depot Checkers, it is recommended that the inlet nozzle also be cleaned with a cotton swab. This helps to ensure an airtight seal with the gas delivery nozzle o-ring and can help extend the life of the o-ring.

