

Heath Technical & Field Tips

TIP 1

Low light level indications can occur with the OMD, if you do experience that, here are a few tips:

1. Check the lenses for dirt or damage.
2. Check alignment of the light source and the receiver.
3. Check the light source filament by holding a piece of tissue paper in front of the receiver lens. You should see a reflection of the filament on the paper which is square (as seen here). If it is round the filament is out and the bulb must be replaced.

If these tests fail to reveal anything contact Heath.



TIP 2

If your unit will not turn on try the following:



1. Check the fuse at the battery connection and the power box.
2. Disconnect the power cable at the power box and check the pins for corrosion or dirt. If corrosion or dirt is found it can be cleaned with a brush dipped in alcohol (as shown).
3. Disconnect the cable at the display and check pins for corrosion or dirt. If corrosion or dirt is found it can be cleaned with alcohol.

After checking all possibilities and you cannot find the problem contact Heath.

TIP 3

Daily verification of OMD calibration

The OMD should be verified with the external calibration lens on a daily basis. The lens when filled with 1% methane should read 100 ppm on the display plus or minus 10 ppm. In the event the OMD does not read 100 ppm plus or minus 10 ppm then the external calibration lens should be refilled with 1% methane and checked again. If the OMD still does not read properly then the unit should be re-zeroed and calibrated using the OMD software and instructions provided by Heath. The latest software version is 2.03. If you do not have this call 1-800-HEATH-US.



Heath Technical Update

OMD™: The Best Gets Better

In the fall of 1999 Heath Consultants in conjunction with Gas Research Institute hosted an OMD Users Group Workshop (see page 6). The workshop proved to be of significant value to all parties including Heath. Two action items resulting from the workshop were: Provide Windows® based software for zero and calibration of the OMD and improve the reliability of the calibration cell. Here is an update:

Windows Based Software.

At this time we have a beta version of the new "Windows based" OMD software under testing. This software provides the user with the ability to zero and calibrate along with other test and setup functions not previously available. Availability is expected in August 2000.

Improved Calibration Cell.

We are currently testing a hermetically sealed calibration cell prototype. The hermetically sealed cell is expected to maintain an accurate calibration mixture for the life of the OMD. This item should also be available in August 2000.