

## Calibration Gas Pressure Warning

Pressurized calibration gas is used to calibrate the analyzer and to perform calibration checks on the analyzer. *Excessive pressure applied to the analyzer ports will cause severe damage to the analyzer.* Calibration gas must be metered at 800 ml/min to the inlet port of the analyzer. It is strongly recommended that only the Planet Calibration Fixture, part number 5GP-1122 be used when calibrating or checking calibration. It has been designed to deliver the calibration gas to the 5G-10 at the proper pressure and flow.

## Calibration Check With Gases

*Note: See the Calibration Gas Pressure Warning above before continuing.*

This selection allows the calibration of the analyzer to be verified. It does not calibrate the analyzer. Select **Cal Check W/Gas** from the **Utilities Menu**. You will be asked if the gas you are using to check the calibration has propane or hexane as its hydrocarbon element. Use the cursor to point the arrow to the correct gas, then press **Enter**. You have the choice to run the pump or turn it off while checking calibration. Make the desired selection. A screen will be displayed showing the current gas readings.

After the analyzer finishes zeroing, disconnect the hose from the filter assembly at the inlet port of the analyzer. Connect the hose of the 5GP-1122 calibration fixture to the inlet port on the rear panel of the 5G-10. Turn the calibration gas bottle valve on. The gauge pressure should be adjusted to 15psi. *Note: 15psi pressure from any other calibration fixture assembly should NEVER be applied directly to the 5G-10. Severe damage will occur.* Read the gas values on the screen.

Turn off the calibration gas bottle valve and remove the hose from the inlet of the analyzer. Reconnect the hose from the filter assembly. Then press any key to exit the calibration check routine.

## Gas Calibration With Gases

*Note: See the Calibration Gas Pressure Warning above before continuing.*

Select **Gas Calibration** from the **Utilities Menu**. You will be asked to name