

## Installing a Solarsens – Apollo 2 (800)

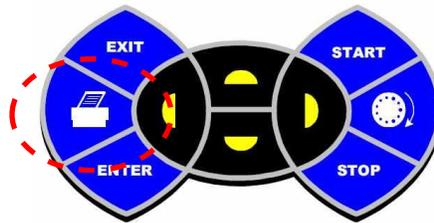
**WARNING:** Any maintenance work undertaken on a James Heal instrument must be done so by a trained and competent person. Where electrical work is detailed, this should only be completed by a qualified engineer. James Heal is not responsible for damage or injury arising from work carried out by any person not qualified to do so. If in doubt, please contact James Heal or your local James Heal Agent.

1. Ensure the Apollo is fitted with the lamp and all glassware.

The round blue air filter on the lamp cooling blower under the chamber should be fitted and also be clean.

If a flexible pipe is fitted to the lamp exhaust this should be position in the same way it would be during normal use of the Apollo.

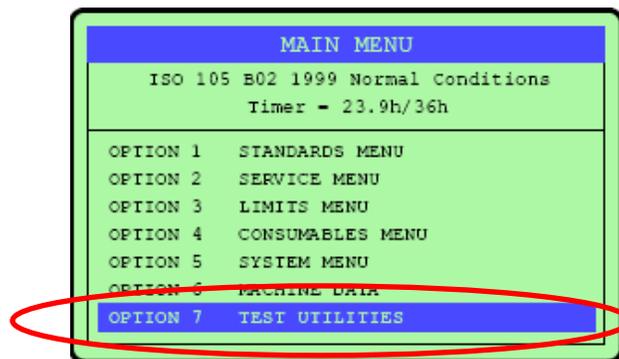
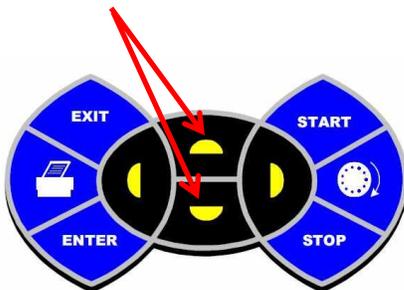
2. Press and hold the **PRINT** key while switching on the power to the Apollo.



The Apollo should beep and show a message saying that **Test utilities are unlocked** for a short time, and then show the **MAIN MENU** screen.

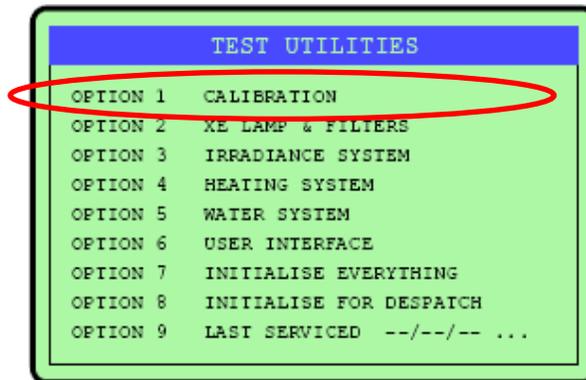
3. Use the **Up/Down** keys to select **OPTION 7 TEST UTILITIES**, then press the **ENTER** key.

UP/DOWN keys

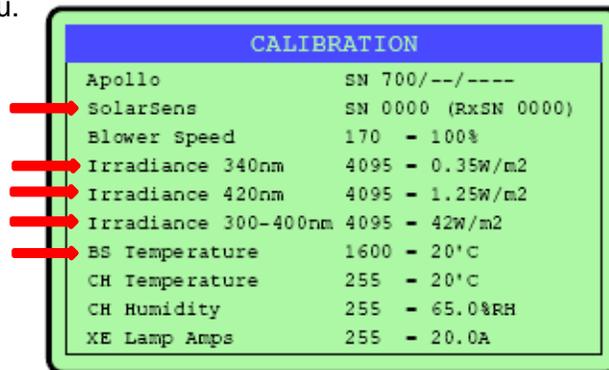


4. Use the **Up/Down** keys to select **OPTION 1 CALIBRATION**

Then press the **ENTER** key to enter the calibration menu.



5. You should now be in the calibration menu.



Use the **Up/Down** keys to select **SolarSens** then press the **ENTER** key to start editing the serial number.

Use the **Up/Down** keys to change this number to the serial number of your Solarsens.

Press **ENTER** again to finish editing and accept the new number.

Use the **Up/Down** keys to select **Irradiance 340 nm** then press the **ENTER** key to start editing the calibration number.

Use the **Up/Down** keys to change this number to the new calibration number for your Solarsens.

Press **ENTER** again to finish editing and accept the new number.

Use the **Up/Down** keys to select **Irradiance 420 nm** then press the **ENTER** key to start editing the calibration number.

Use the **Up/Down** keys to change this number to the new calibration number for your Solarsens.

Press **ENTER** again to finish editing and accept the new number.

Use the **Up/Down** keys to select **Irradiance 300-400 nm** then press the **ENTER** key to start editing the calibration number.

Use the **Up/Down** keys to change this number to the new calibration number for your Solarsens.

Press **ENTER** again to finish editing and accept the new number.

Use the **Up/Down** keys to select **BS Temperature offset** then press the **ENTER** key to start editing the calibration number.

Use the **Up/Down** keys to change this number to the new calibration number for your Solarsens.

Press **ENTER** again to finish editing and accept the new number.

6. Press the **EXIT** key to leave the calibration menu, then press **EXIT** again to exit the Test Utilities menu.