
VIII: Full Hardware Calibration

You will require a calibration sample provided by Sinar Technology, a calibrated (certified if necessary) temperature probe and sample loading Hopper.

Models: AP, G3, C6 and F6

1. Turn ON the instrument.
2. With the instrument empty of sample: Press and Hold Down the CAL/AUTO key. When the instrument says `CAL' enter the password, this is factory set to 226 or 123. Press P to enter the password once it has been entered.
3. Press and Hold Down the CAL/AUTO key. The instrument will say H.CAL (Hardware Calibration) after approximately 3 seconds.
4. Press and Hold down the AVERAGE key until the unit starts to take an empty reading - approximately 3 seconds. The unit will display `C1' when complete.
5. Using the sample loading Hopper, place calibration sample carefully into the measuring cell. Now enter the CODE 0 value of the sample as typed on the sample packet. Press the KG/HLW button to enter this value into the analyzer's memory.
6. Place the temperature probe into the sample cell. Put it at the front of the cell near the black THERMISTOR BLOCK. Once the temperature reading has stabilised, enter the value into the instrument. Press the TEMP key once to enter the temperature into the unit's memory.
7. Press and hold the %H2O key until the unit starts to take a reading – you will hear it pulse. When the unit displays `C2' calibration is complete.
8. Check calibration by following procedures outlined in section III.