

WP4C Quick Start

1 Environment (Chapter 3)

- Use WP4C on a level surface.
- Use WP4C where environmental temperature remains fairly stable.

2 Power

- Plug in WP4C and turn on the power (switch in back).
- For best results, let WP4C warm-up for 15 min.

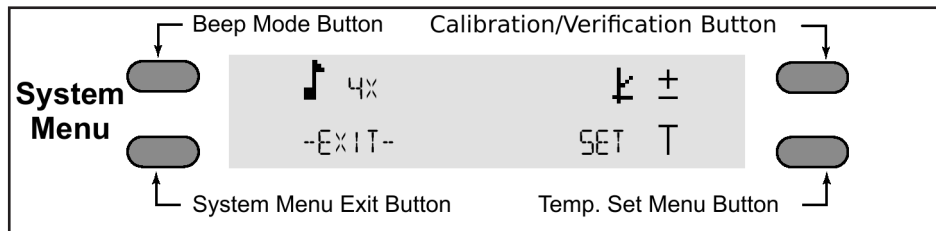
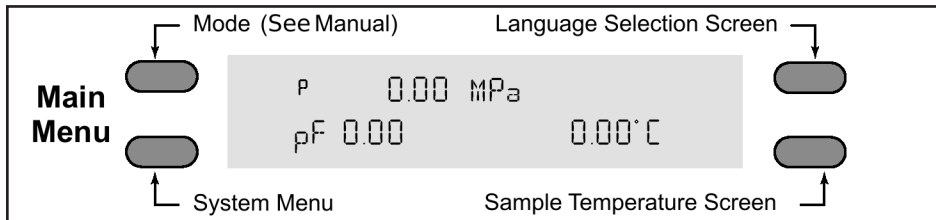
3 Sample Preparation (Chapter 6)

- Fill sample cup no more than half full (~7ml). **DO NOT OVERFILL!**
- Minimum sample amount should cover bottom of sample cup.
- Ensure the rim and outside of sample cup are clean.
- Ensure sample temperature is below chamber temperature.

4 Sample Measurement

- Place sample cup in sample drawer. Close drawer carefully to avoid spillage.
- Turn drawer knob from OPEN/LOAD to READ to start measurement.
- WP4C beeps once when starting measurements.
- WP4C displays the first estimate in about 40 seconds.
- WP4C beeps (as set in system menu) & blinks LED when measurement is done.
- WP4C displays the sample's final reading and temperature.

5 WP4C Options (Chapter 4)



* The sample temperature screen helps you to reduce condensation and long read times by displaying the temperature difference between the block (T_b) and sample (T_s).

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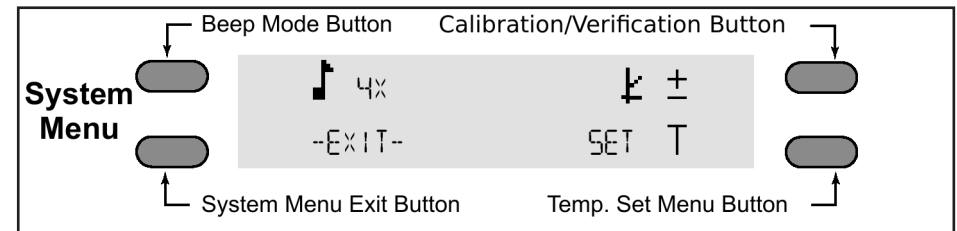
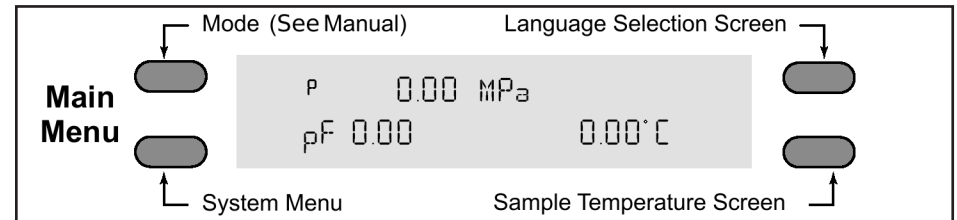
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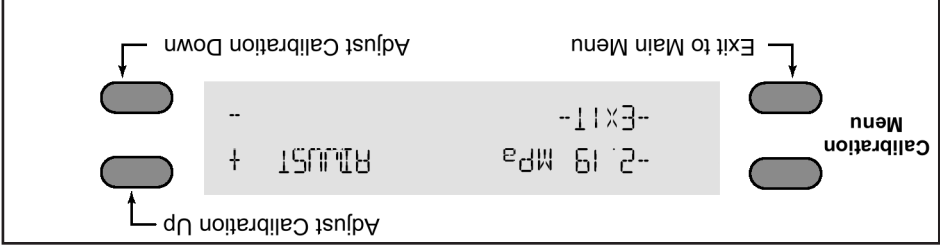
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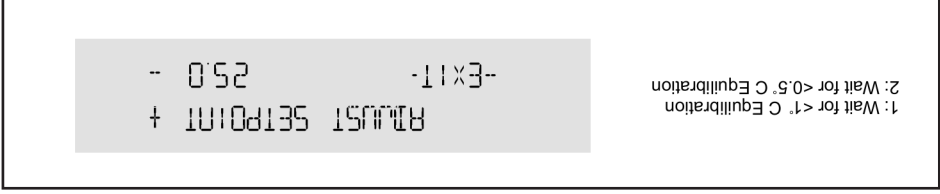
* The sample temperature screen helps you to reduce condensation and long read times by displaying the temperature difference between the block (T_b) and sample (T_s).

6 Verifying Calibration

- Press upper right button from System menu, follow directions on screen.
- Empty entire vial of KCl into a sample cup to make calibration reading.
- Place sample cup in WP4C and turn the knob to READ.
- At end of reading, adjust calibration value if necessary by pressing buttons on right side.
- Press Exit to store value.



7 Temperature Adjustment Menu



NOTE: Buttons are only active when drawer knob in OPEN/LOAD position. When the instrument is reading a sample, the buttons will not be active.

8 Cautions

- Prevent contamination and damage—**Do not overfill sample cups.**
- Never tip or move WP4C with a sample loaded.
- Disconnect AC power before removing WP4C case lid.

9 Error Messages & Troubleshooting (Chapter 12)

- Sample temp. warmer than temp. of WP4C sensor causes an error message.
- Minimizing temp. differences between sample and block reduces read time.
- Other suggestions for speeding read time are in chapter 12 of the manual.

For technical support and WP4C supplies call:

509-332-2756

8AM – 5PM Pacific Time

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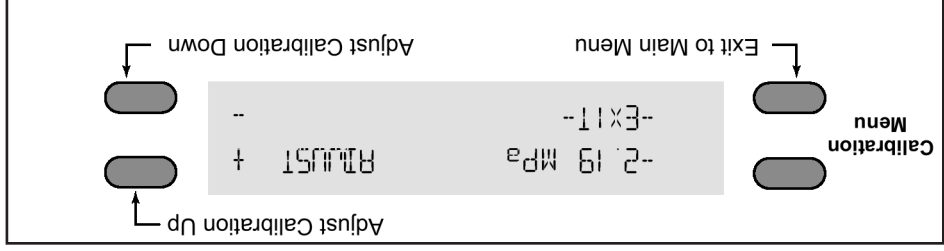
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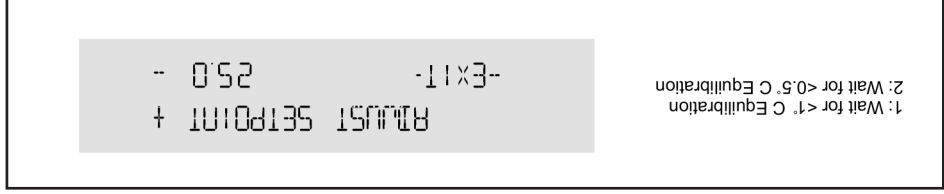
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