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.

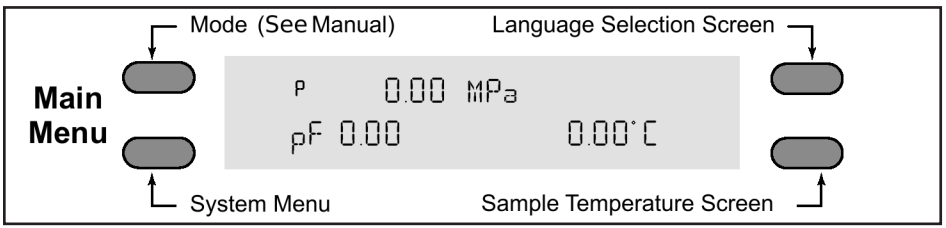
3 Sample Preparation (Chapter 6)

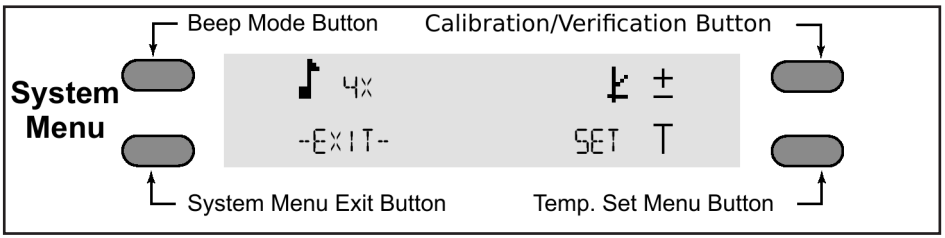
·Fill sample cup no more than half full (~7ml). **DO NOT OVERFILL!**
·Minimum sample amount should cover bottom of sample cup.
·Ensure the rim and outside of sample cup are clean.
·Ensure sample temperature is below chamber temperature.

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)

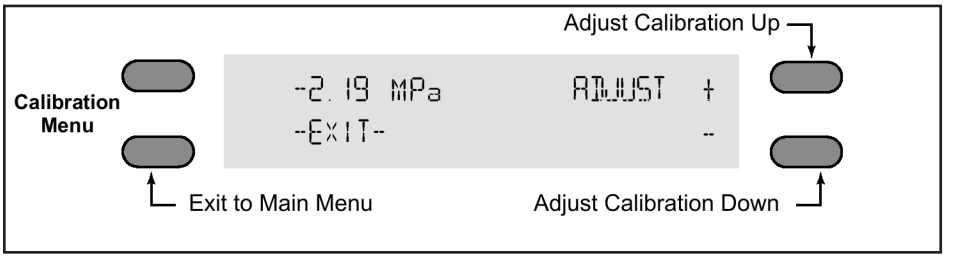




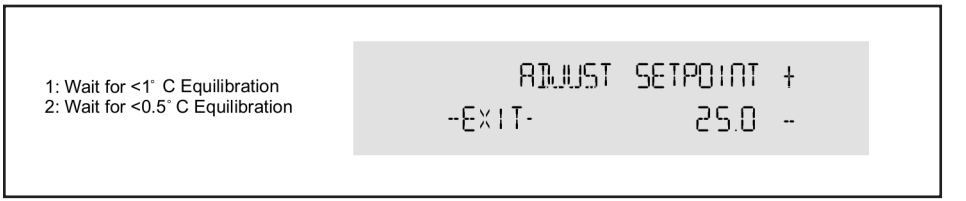
** The sample temperature screen helps you to reduce condensation and long read times by displaying the temperature difference between the block (Tb) and sample (Tb).*

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.

Decagon Devices
2365 NE Hopkins Ct
Pullman, WA 99163
support@decagon.com
www.decagon.com
20-01-15

For technical support and WP4C supplies call:

509-332-2756

8AM – 5PM Pacific Time