

Document Title: WP4C Quick Start		Part # 13976	
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Rev.	Description	Revision By	Date
Date -- Time	Uploaded Quick Start to repository. Available at http://manuals.decagon.com . Please ask archivist for previous versions or use Beanstalk application.	NJR	10/28/13

Decagon Production File Name:

http://manuals.decagon.com/13976_WP4C_Print.pdf

Vendor Production File Name:

http://manuals.decagon.com/13976_WP4C_Web.pdf

Dimensions: 5.5 in, 4.25 in

Colors: Full Color

Material: 60 lbs./89 g/m² White, Opaque, Smooth Finish Paper (14596)

Finish: Laminated 6 x 9 7 mil (14581)

Adhesive: None

Serialization: None

Serial Number Example: NA

Serial Number Text: NA

Special Notes: Pages are duplexed front to back

Illustration is Ref Only

****Not to scale ****

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)

Mode (See Manual) Language Selection Screen

Main Menu P 0.00 MPa 0.00 °C

pF 0.00 System Menu Sample Temperature Screen

Beep Mode Button Calibration/Verification Button

System Menu -E:IT- SET T

System Menu Exit Button Temp. Set Menu Button

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

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

Adjust Calibration Up

Calibration Menu -2.19 MPa ADJUST +

-E:IT- -

Exit to Main Menu Adjust Calibration Down

7 Temperature Adjustment Menu

1. Wait for <1 C Equilibration ADJUST SETPOINT +

2. Wait for <0.2 C Equilibration -E:IT- 25.0 -

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.

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