Instructions for Proper Calibration and Adjustment of your HygroSet and HygroSet II Digital Hygrometer / Thermometer

The HygroSet & HygroSet II Digital Thermometer / Hygrometer





Button #1: Temperature Display. (Switch between Celsius or Fahrenheit)

Button #2: Set Button.

Control #3: Humidity Adjustment Knob

Instructions::

Your HygroSet Digital Hygrometer / Thermometer is ready to use right out of the box, and features a fine tune humidity adjustment knob. Like most other digital hygrometers, the HygroSet is pre-tested at the factory for quality and accuracy. What makes the HygroSet extra special is its ability to be *adjusted* after it is calibrated.

Calibration: For best results, we recommend using the One-Step Calibration Kit by Humidipak®

- 1. Remove plastic tab from battery compartment to start your digital hygrometer.
- 2. Simply place your hygrometer inside the bag and completely re-close the top zipper.
- 3. Allow the calibration bag to sit for 24 to 36 hours at room temperature, 65°F to 75°F.
- 4. The hygrometer should read +/- 0.3% of the RH level stated above (75%).
- 5. Note the difference, if any, between the hygrometer reading and 75%. This will be the number of percentage points you'll need to adjust for corrected future readings.
- 6. Proceed to Adjustment

Adjustment

- Turning the adjustment wheel (Control #3) will adjust the humidity reading 1% for every 1 click of a turn. Turning
 Clockwise increases the percentage, and Counter-Clockwise decreases it. (Ex: The hygrometer should read 75% but it is
 reading 72%. Turn the adjustment knob 3 times Clockwise.)
- 2. Press the Set button (Button #2) to lock in your adjustment. After a few seconds, the hygrometer will read the adjusted humidity and then continue to refresh every 10 seconds to report the current relative humidity (RH).

*Notes:

After pressing the Set button, your temperature reading will default to Celsius. Press Button #1 to change to Fahrenheit if desired.



The Humidipak One-Step Calibration Kit is guaranteed to be accurate for up to 3 months after opening. It is recommended to retest each hygrometer every six months.