

How To Operate and Maintain the DL-6000

STEP 1:

- Always power up the probe while it is sitting in the stand. The unit will beep for 20 seconds while performing a zero calibration.
- The probe must rest still in the stand during “start-up” with no objects in front of or close to the probe measurement faceplate.

STEP 2:

- After the “Power-up Beep Stops” the probe is ready for use. The display will indicate Battery Supply Voltage and Moisture Reference Value. This value will range from 5.5 to 6.0 in ambient air.
- The battery voltage should indicate between 15 & 18 volts, “Do not operate if the voltage drops below 15 volts, shut off power, place the probe back in the stand & plug in the charger.” A fully charged battery supply will operate the probe a minimum of 6 hours of continuous use. The probe will fully charge in 2 hours, but can be used much sooner as long as the battery voltage remains above 15.0 volts.

STEP 3:

- A measurement session should include at least 10 samples across the KILN. Most users prefer to enter the KILN and take samples in a “X” pattern across the KILN.

STEP 4:

- Plunge the probe into the hops until it rests on the “Depth STOP PLATE” give the probe a quick shake to left and right to help seat the probe against the hop cones. Most users prefer to plunge the probe about 1 foot below the top surface. You may vary this plus or minus a few inches using the depth stop plate.

STEP 5:

- Once the reading has stabilized, press the “LOAD” button. The reading will be stored in memory.

STEP 6:

- Continue to take several more readings across the KILN. This is important to achieve a good average value. Take your readings near the end of the drying cycle at the same time this was done using your existing “Touch And Feel” method.

STEP 7:

- After taking at least 10 readings, press the “Average” button to display an average of all readings. Pressing the Average button will lock in the average value. It will not change until either the power is switched off or the “Reset Button” is pushed.

STEP 8:

- If you are satisfied with the average reading, shut off power to the probe & return the Probe to its stand. When not using, put the probe and stand in a room or area outside the kiln area if possible. Do not leave the probe sitting in direct sunlight or allow it to get splashed with water or rain.

STEP 9:

- If you are not satisfied with the average reading, press the Reset Button. This will return the unit to measurement mode & clear all previous readings. You can now proceed to take another measurement session.

Maintenance And Cleaning

- Clean the residue build-up on the probe after a few uses. Do not use any aggressive solvents around the measurement faceplate.
- When cleaning, do not press hard against the measurement faceplate.
- A non-stick cooking spray (PAM) can be applied to the probe to help reduce residue build-up. If this is used, be sure and dry off any of the spray on the measurement faceplate before using
- Always sit the probe in the stand by resting on the middle battery enclosure, not the depth stop plate.

SPECIFICATIONS

Supply Voltage	15.6 vdc
Battery Supply	2000mah 13 Cell NiMH Internal Battery Pack Rechargeable @ 500 ma max
Current Draw	150 ma.
Fuse	1.0 amps
Measurement Range	Defined using Hydro-COM Software