

This quick-start guide will help you to start using your multi-ion meter and probe straight away

STEP 1: Condition the Probe

- After first receiving the probe or after prolonged storage, place the probe in the conditioning solution for 1 hour.
- For every day usage, condition the probe for 5 minutes before calibrating.
- Rinse the probe in de-ionised water when the conditioning process is complete.

STEP 2: Calibration

For accurate readings, it is recommended that you calibrate before every sampling event. Ensure that the calibration solutions are at the same temperature as your samples before starting the calibration process.

- Press the Ok/menu button on the meter.
- Select the 'Calibrate' option and press the Ok/menu button on the meter.
- Follow the on-screen wizard to complete the calibration.
- Rinse in de-ionised water and dry the outer body of the probe when the calibration process is complete.

Note: When moving from one solution to the next, dry the outer body of the probe.

Do NOT touch the tip of the probe

STEP 3: Take a Reading

- Only proceed to take a sample reading if the calibration results are good or very good. If the calibration result is "NG", repeat the calibration process.
- Quickly rinse the probe in de-ionised water and place in the liquid sample.
- Follow the on-screen instructions. After 60 seconds, the readings will be displayed.

Do NOT leave the probe in the sample for longer than 2 minutes

- Press the Save button to save the readings.
- Press the Menu button and go to Memory/Recall to view previously saved readings.

For Additional Accuracy:

- Calibrate before every sampling event.
- Quickly rinse the probe in de-ionised water between samples.
- Do a calibration check after every 5 samples by taking a reading in the mid-calibration point. If the value is greater than 10% from the expected value, repeat the calibration process.

STEP 4: Storage

- When finished with the probe, do the following.
 - a. Rinse the probe in de-ionised water.
 - b. Rinse the probe in conditioning solution.
 - c. Replace the cap.
 - d. Store carefully, under 50°C.

IMPORTANT INFORMATION

**The probe is a sensitive piece of Analytical Equipment
It is important that it is handled with care**

Please follow these guidelines:

- Remove the probe from the solution before switching off the meter.
- Wash the probe in de-ionised water and conditioning solution before storage.
- Do not hit or grate the tip of the probe.
- When not in use, put back on the protective cap.
- The probe should not be left in the de-ionised water or any solution which does not contain the target ions for more than a few minutes at a time – to prevent ruining the selective agent on the sensor.
- In order to prolong the life of the probes, avoid strong acid or alkaline solutions, detergents, surfactants and PVC solutions.
Also avoid prolonged exposure of the electrode to solutions containing high levels of interfering ions which may poison the membrane.
- Be careful when disconnecting the probe from the meter. Always pull back on the top moveable part of the connector before disconnecting from the meter, as shown in the diagram.



Uploading Readings to PC

The data from the meter should be uploaded to the CleanGrow PC program on a regular basis.

The CleanGrow PC program can be downloaded from the CleanGrow website www.cleangrow.com

Follow these steps to upload your data from the meter to the PC:

- Step 1. Connect the meter to your PC using the USB cable.
- Step 2. Open the CleanGrow Meterlink Program.
- Step 3. Click on the 'Readings' tab.
- Step 4. Click on the 'Import' button. This will only import new data i.e. data which was not imported from the meter before.

Support details

If you need further assistance or would like to purchase additional probes or calibration solutions, please e-mail us on support@cleangrow.com or visit www.cleangrow.com

If would like to learn about the advanced features our system offers, please download our user manuals. You can view all of our user manuals and documentation at:

<http://www.cleangrow.com/user-Guides.html>

Please also visit our FAQ section of the website at:

<http://www.cleangrow.com/FAQ.html>