

PH212 FAQ

Can this unit be used for measurements in things apart from soil?

Apart from soil use, the PH212 is also popular for food applications such as taking pH measurements of meat and dairy products.

Can the PH212 use different electrodes?

The PH212 has a BNC connection which means that there is a wide array of electrodes that are compatible with this meter. The [IC-PE-11](#) is a popular general purpose electrode that is compatible with this unit.

I'm only getting readings of 7 and the unit is not calibrating. What's wrong?

The most likely cause of this issue is damage to the glass electrode. Inspect the electrode for damage. If the electrode appears fine, check the cable and connection to the meter. If the electrode is a couple of years old then it may have reached the end of its effective lifespan and needs replacement. If the electrode has been used in protein rich items (such as cheese or meat) use of a protein cleaning solution may be required. If the electrode has been used in oily products, then cleaning in a mild detergent solution may be necessary.

The glass spear tip has snapped. Is this covered by warranty?

Unfortunately physical damage to the electrode is not covered by warranty.

How is the PH212 different to the PH220S?

The PH212 and PH220S both use the same electrode to take measurements however the body of the units do differ. The PH220S has push button calibration, whereas the PH212 has calibration screws that must be manually adjusted. The PH212 however does come in a hard carry case, whereas the PH220S comes in a soft case.

Can I measure the pH of dry soil?

No, pH can only be measured in an aqueous solution, so the soil needs to be moist to be able to take a reading.

Does this unit need to be calibrated?

It is recommended to calibrate this unit periodically, particularly if it hasn't been used for a long period of time.