

PH-200: Waterproof pH Meter

Ideal for all pH testing, water purification applications, wastewater regulation, aquaculture, hydroponics, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment, wine, coffee, agriculture and more.

Questions about your pH meter?

FEATURES

- Measures pH and Temperature
- Auto-ranging three point calibration with digital fine tuning
- Includes storage solution in a sponge embedded in a clear cap
- Waterproof housing (IP-67 rating)
- Simultaneous temperature display
- Measurement Range: 0-14 pH
- Digital automatic calibration (one point), with digital fine tuning
- Automatic Temperature Compensation (ATC)
- Auto-off function, data-hold function and low-battery indicator
- Display: large and easy-to-read LCD screen includes simultaneous temperature reading
- Replaceable Sensor (model SP-P2)
- Factory Calibrated: The PH-200 meter is three-point checked and factory calibrated to pH 7.0. It can be re-calibrated to any point in its range with digital calibration using the push buttons.
- Includes a cap, batteries, lanyard, and pH 7.0 buffer

SPECIFICATIONS

pH Range: 0 - 14

Temperature Range: 0-80 °C; 32-176 °F

Resolution: 0.01 pH; Temperature resolution is 0.1 °C/F

Accuracy: +/- 0.02 pH; Temperature accuracy is +/-2%

Calibration: Digital automatic calibration (one point) with digital fine tuning

Minimum EC/TDS: 5 μ S/10 ppm

Electrode: Replaceable glass sensor and reference tube electrodes

Housing: IP-67 Waterproof (submersible; floats)

Power source: 3 x 1.5V button cell batteries (LR44 or equivalent; included)

Dimensions: 18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 inches)

Weight: 96.4 g (3.4 oz)

UPC: 891144000021



1 YEAR WARRANTY



Recommended accessories: [pH Electrode Storage Solution \(PH-STOR\)](#) and [pH Calibration Buffers \(PH-BUF\)](#). Note that the meter includes single use packets of the storage solution and a pH 7.0 buffer. This is enough in the beginning, but additional storage solution and calibration buffers will be necessary in the future (exactly when depends on individual usage and needs). The storage solution and pH buffers (while in powder form) do not expire.

FAQs

The sponge in my cap is dry. Is this okay?

Yes. During shipping, it is possible for the solution to leak or dry. This will not damage your meter, and it's perfectly fine, since the cap was on and it was in the box. Prior to use, pour a small amount of the [electrode storage solution](#) (from the Mylar packet) into the sponge so that it's moist. Put the cap back on and allow the sensor to soak for 15 minutes standing upright. Additional storage solution is available for purchase. (NOTE: The sponge is simply for retaining the storage solution so that it doesn't spill. It should be kept in the cap.)

How often do I need to calibrate?

All pH meters should be calibrated anywhere from before every use to at least once a month. The frequency of calibration depends on usage and application, but you should calibrate at least once per month for proper results and a longer lifespan of your meter. A free packet of pH 7.0 buffer is included with the meter. Additional [pH buffers for calibration](#) are available for purchase. Please consult the user's guide for calibration instructions.

I use my meter for hydroponics. Does it need any special care?

Yes. Nutrients in a hydroponics reservoir will quickly adhere to the sensor and throw off readings. It is very important to rinse the sensor in distilled water after each use. Otherwise, you'll just be measuring the nutrients that are already on the sensor.

Can I use the PH-200 for testing distilled, DI or RO water?

No. The meter is not designed for pure or very low TDS water. The water needs at least 10 ppm of TDS (μS of EC) to pick up a reading.

[Click here to read an article about **Calibrating and Caring for Your pH Meter**](#), from the July 2010 issue of Urban Garden Magazine.

READ MORE FAQs HERE

NOTE for owners of the PH-200: *Your PH-200 is shipped with a small amount of storage solution in the cap. The sponge should be moist (not dripping wet), but it is possible that this solution can leak out during shipping. If you have received a PH-200 with the cap (or sponge) dry, simply refill it with the enclosed extra storage solution and allow it to soak, standing upright, for one hour. Your meter will be perfectly fine and the small extra bottle is included for this purpose. Never refill the cap with distilled water and never use the cap for testing purposes.*