

78-600 Fieldmaster® pH Meter

Warranty and Parts:

We replace all missing or defective parts free of charge. For additional parts, use part numbers above. We accept Mastercard, Visa, American Express, checks, institutional P.O.'s. All products guaranteed free from defect for 90 days. This guarantee does not include accident, misuse, or normal wear and tear.

Introduction:

The Fieldmaster® Student pH Meter is lightweight, waterproof and 100% bouyant. Test for pH right in the field or lab. Battery operated for portability with about 250 hours of continuous use, it is accurate to +0.05 pH over 0 - 50° C. It is temperature compensated with two point calibration and auto shut-off.

Uses include:

Aquariums
Fish hatcheries
Swimming pools

Specifications:

Range: 0.0-14.0pH
Resolution: 0.1pH
Accuracy: +/- 0.1pH
Operating temp: 0 - 50° C
(32-122° F)
Calibration: 2 points
Power supply: DC4 x 1.5V
(Button Battery)
Weight: 90g

How To Use:

1. Remove the protective cap and switch on the unit.
2. If using for the first time, or over a long period, calibrate the unit first.
3. Dip the electrode into a sample solution. Stir gently and wait a few seconds until the displayed value is stable. The resulting readout is the pH value.
4. Rinse the electrode after each use in distilled or deionized water. Stir gently. Blot the glass bulb with tissue paper, taking care not to damage it.
5. To store, switch off the unit and remove the cap. Place a few drops of distilled or deionized water on the sponge inside the cap to rinse the glass bulb. Then replace the cap.
6. Replace batteries if the unit can not be switched on or if the display fades.

How To Calibrate:

The pH meter has a two (2) points calibration system. Point 1 is the trimmer at the back. Point 2 is the trimmer alongside the battery compartment.

1. Clean the electrode with distilled or deionized water.
2. Dip the electrode into 4.0 pH buffer solution. If the display does not show between 3.9 to 4.1, adjust point 1 at the back until the display reads 4.0.
3. Clean the electrode with distilled or deionized water.
4. Dip the electrode into buffer solution of any pH value. Most common is 6.86 or 7.0 pH buffer solution. If the display does not read correctly, adjust Point 2.
5. Clean electrode with distilled or deionized water.

P/N 032312

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