

PH METER KIT P06



DESCRIPTION

The pH Meter Kit P06 is high quality, simple to use, durable, reliable and ideal for shipboard use. The pH Meter Kit includes a water-resistant pH meter with 4 alkaline AAA batteries, stand, rubber armor, pH Electrode P06 with plastic protective cap, 4 spare alkaline AAA batteries, carrying case and instruction manual.

The microprocessor-based pH meter has a large LCD (Liquid Crystal Display) for clear and easy reading. It measures pH and temperature in °C and calibration is quick and easy.

The pH Electrode P06, which is also available separately, is temperature compensated.

APPLICATION & USE

The pH meter is used for measuring pH in makeup water, feed water, boiler water, cooling water, potable water and waste water. The pH Meter Kit P06 is well suited for confirming the calibration of on-line monitoring units.

PROCEDURE

Please refer to the manual for more detailed instructions.

SETUP

1. Connect the pH Electrode P06 to the meter by aligning the connector slots with the posts of the meter's socket and rotate the connector clockwise until it locks. Insert the mini phono jack of the temperature sensor into the socket on the meter. Unplug the phono jack when not in use.
2. Be sure to condition the pH electrode before initial use by soaking it in a beaker filled with shore water, pH Electrode Storage Solution, pH buffer 4 or pH buffer 7 for at least 1 hour. Rinse with distilled water before proceeding to calibrate the electrode with the meter.

CALIBRATION

Calibrate the meter before initial use when a new electrode is being used for the first time and at least weekly thereafter.

1. Pour a known pH buffer standard solution such as pH buffer 7 into a clean, dry beaker.
2. Press the power button to power up the meter.
3. Dip the pH electrode into pH 7.0 buffer solution. Swirl



pH Meter Kit P06 (PCN 0246117)

gently and wait for the reading to stabilize.

4. Press the calibration button to enter the calibration mode. The LCD will momentarily display "CA." It will show the uncalibrated reading that will be flashing while in the calibration mode.
5. Allow the reading to stabilize. Press the hold button to confirm calibration. The LCD displays "CO" momentarily and the meter automatically recognizes pH 4.0, 7.0 or 10.0 buffers. The meter then reverts to the pH measurement mode.
6. For 2 or 3-point calibration, repeat steps 4 and 5 with other pH buffer values for higher accuracy.

SAMPLE MEASUREMENT

1. Before taking a measurement, rinse the electrode with distilled water to remove any impurities.
2. Power on the meter and if necessary select the pH mode by pressing the mode button.
3. Dip and stir the electrode gently into the sample, swirl gently and wait for the reading to stabilize. Note the reading.
4. Rinse the electrode with distilled water before taking the next sample measurement.



Contact your Drew Marine representative for more information

ELECTRODE INFORMATION

NOTE: DO NOT store the electrode in distilled water. RINSE the electrode with distilled water before storing. STORE the electrode in shore water, Electrode Storage Solution, pH Buffer 4 or pH Buffer 7.

KIT CONTENTS

1 pH Meter with 4 x AAA alkaline batteries
1 Stand
1 Rubber Armor
1 pH Electrode P06 with plastic protective cap
4 x Alkaline AAA batteries - spare
Case
Manual

OTHER ITEMS AVAILABLE SEPARATELY

pH Buffer 4, 500 ml PCN 6254098
pH Buffer 7, 500 ml PCN 6255096
pH Buffer 10, 500 ml PCN 6444095
pH Electrode Storage Solution, 500 ml PCN 0246034
pH Electrode P06 PCN 0246125
Plastic beaker, 100 ml PCN 0247016



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



Drew Marine®

**100 South Jefferson Road
Whippany, NJ 07981 USA
1-973-526-5700
Drew-Marine.com**

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