



MIFAB's MI-NEUT-MONITOR is designed to continuously monitor pH values directly in your reservoir. Each unit features a user selectable set-point. An LED visual alarm is activated and flashes when the pH level rises either above or below (user selected) that set-point.

All of these instruments run on a 12V adapter so there's no need to worry about failed batteries and each unit comes with mounting kit, probe, probe holder and starter calibration solution.

SPECIFICATIONS:

RANGE	:	0.0 to 14.0 pH
RESOLUTION	:	0.1 pH
ACCURACY (@25°C)	:	±0.2 pH
SETPOINT	:	5.5 to 9.5 pH
ALARM	:	Active when measure is higher/lower than selected set point
ENVIRONMENT	:	0 to 50°C, 95% RH not condensing
POWER SUPPLY	:	12 VDC (included)
DIMENSIONS	:	5.85" x 3.25" x 1.25"
PROBE	:	Equipped with a 3 meter long cable

OUTLET POWER CORD HI-NEUT FLOAT RUBBER GROMMET UQUID LEVEL UQUID LEVEL ULIQUID LEVEL ULIQUID LEVEL ULIMESTONE

OPTIONS:

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- **NEMA** NEMA RATED ENCLOSURE FOR MONITOR
- PROBE REPLACEMENT PROBE
- CAL CALIBRATION SOLUTION

List Price of MI-NEUT-MONITOR \$775.00

Design and dimensions are subject to modification. Prices do not include applicable taxes.

Visit www.mifab.com for the most recent product information.

MIFAB[®], Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA All sales subject to MIFAB's[®] Terms and Warranties. Please refer to inside front cover. Toll Free: 1-800-465-2736, Fax: 1-773-341-3049 sales@mifab.com Canada Toll Free: 1-800-387-3880



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CALIBRATION =

12VDC

ADAPTER

OPERATION:

- Connect the supplied 12VDC power adapter to the meter and to the main line.
- Connect the pH-probe to the BNC socket on the bottom of the meter.
- Always remove the probe protective cap before taking any measurement. If the probe has been left dry, soak the tip (bottom 2.5 cm) in rinse solution for a few minutes to reactivate it
- Make sure that the meter has been calibrated before taking any measurements (see Calibration Procedure).
- Immerse the tip (2.5 cm) of the pH-electrode into the sample.
- Turn the instrument on by pressing the ON/OFF key.
- Allow the reading to stabilize and the meter will start continuous monitoring.
- A blinking alarm will indicate when the measured pH value is higher or lower than selected set point, depending on user selection.

SET POINT:

The set point can be selected by adjusting the central front knob to the desired value.

- The selectable range is from 5.5 to 9.5 pH.
- The nature of the set point can be selected by setting the switch to the desired position (ABOVE or BELOW).

CALIBRATION PROCEDURE:

- Remove the protective cap from the probe.
- Immerse the electrode tip into a new sachet of pH 7 calibration solution and allow the reading to stabilize.
- Adjust the pH7 calibration trimmer (on the front) to display "7.0 pH".
- Open a new sachet of pH 4 calibration solution and use a small quantity to rinse the electrode.
- Immerse the electrode tip into the pH 4 sachet and allow the reading to stabilize.
- Adjust the pH4/10 calibration trimmer (on the front) to display "4.0 pH".
- The calibration is now complete and the meter is ready to take measurements.
- It is suggested to recalibrate the meter at least once a month, after a prolonged stocking time and after pH-electrode replacement.



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