



USER MANUAL PH-06

PH-meter | Item no. 15315100

Thank you for choosing a **DIESELLA** product. This user manual is designed to help you get started and ensure an optimal user experience. Please store this manual safely for future reference or use.



OPERATION

- 1. Remove the protective cap. Press the ON/OFF button to turn on the meter.
- 2. Immerse the ph meter probe in the solution to be tested.
- 3. Gently shake the meter. Read the measurement once the value has stabilized.
- 4. Tap the °C/°F key to switch between Celsius and Fahrenheit.
- 5. After use, turn off power. Rinse the electrode with clean water and put on the cap.



INITIAL CALIBRATION

We recommend calibrating with all three buffer solutions the first time.

- 1. Turn on the meter and remove the cap.
- 2. Place the probe in the standard buffer solution **pH 6.86**. Stir gently in the solution and wait until the display is stable.
- 3. Press and hold the CAL button for about 5 seconds. The meter will enter automatic calibration mode. If the value matches pH 6.86 at the current temperature, the calibration is completed. If the solution is incorrect, "Err" will appear for 3 seconds and the calibration will be canceled.
- 4. Rinse the probe with distilled water and gently dry with paper. Place the electrode in the **pH 4.01** buffer solution, stir the probe gently in the liquid, and wait until the display is stable.
- 5. Press and hold the CAL button for about 5 seconds. The meter will enter automatic calibration mode. If the value matches pH 4.01 at the current temperature, the calibration is completed. If the solution is incorrect, "Err" will appear for 3 seconds and the calibration will be canceled.
- 6. Rinse the probe with distilled water and gently dry with paper. Place the electrode in the **pH 9.18** buffer solution and verify that the measurement is within the acceptable error margin.
- 7. Press and hold the CAL button for about 5 seconds. The meter will enter automatic calibration mode. If the value matches pH 9.18 at the current temperature, the calibration is completed. If the solution is incorrect, "Err" will appear for 3 seconds and the calibration will be canceled.

The calibration is now complete.



IMPORTANT!

- 1. During regular use, the meter typically only performs single-point calibration at pH 6.86.
- 2. The instrument's pH range must be re-calibrated whenever:
  - The probe has not been calibrated for a long time.
  - The probe has been used in particularly taxing conditions.
  - The utmost accuracy is required.
- 3. The meter has a low battery indicator. Please replace the battery promptly.



SPECIFICATIONS

Range	PH: 0.00~14.00PH   Temp: 0~50°C (32°F~122°F)
Resolution	PH: 0.01PH   Temp: 0.1°C
Accuracy	PH: ±0.02PH   Temp: ±1°C(±2°F)
Automatic Temperature Compensation	0°C~50°C
Battery	2×1.5V (AAA)
Operating temperature	0°C~50°C
Calibration	2 points with auto buffer recognition
Automatic shut-down	8 minutes
Dimensions	210 × 40 × 25 mm
Weight	97 g



BATTERY INSTALLATION

When the low-voltage battery symbol appears on the display screen, it indicates that the battery is low. Replace the battery. Unscrew the cap on top, and replace the old batteries with the new. Ensure the correct polarity when inserting the batteries. It is best to remove the battery when not in use for a long time.



WARRANTY

These instruments are covered against material and manufacturing defects for one year from the date of purchase. If during this period, repair or replacement of parts is required, provided the damage is not due to user negligence or misuse, please return the parts to either dealer or our offices, and the repair will be effected free of charge.