


| Trouble | Reason | Correction |
|--|--|---|
| Nutrient reading low | Contaminated conductivity/temperature probe. | Clean conductivity/temperature probe. |
| | Solution temperature low/high. | Wait 5 to 10 minutes for reading to stabilize to a constant value. |
| Temperature reading inaccurate | Temperature of conductivity/temperature probe different to solution temperature. | Wait 5 to 10 minutes for conductivity/temperature probe to reach solution temperature. |
| pH reading inaccurate | Contaminated pH probe. | Clean pH probe. |
| | Incorrect calibration. | Ensure calibration solutions are accurate. Replace if in doubt. Wait longer for readings to stabilize before calibrating to a constant value. |
| | Calibration unreliable. | Calibrate pH probe |
| | pH probe damaged or old. | Replace pH probe. |
| pH reading does not change from solution to solution | Broken glass bulb, tube or connector. | Check pH probe for damage. Replace pH probe. |
|  Displays low battery indicator | Insufficient power to take a reliable reading. | Replace the batteries. DO NOT use rechargeable batteries. |
| No display | Batteries dead or inserted incorrectly. | Check batteries are inserted correctly. Replace if necessary. |
| Display shows 'Err' | Problem with pH calibration. | See error message descriptions in section 10 of the Bluelab Combo Meter Manual. |
| Or Ur While in pH mode | Over range pH. Under range pH. | Solution > 14.0 pH. Solution < 0.0 pH. Check pH probe connection. pH probe could be faulty. Combo Meter could be wet inside. |
| Or Ur While in temp mode | Over range temperature. Under range temperature. | Solution > 51 °C / 122 °F. Solution < 0 °C / 32 °F. Conductivity/temperature probe or Combo Meter faulty. |
| Or While in conductivity/nutrient mode | Over range conductivity/nutrient. | Over range conductivity > 9.9 EC, 99 CF, 4950 ppm 500, 6930 ppm 700. Conductivity/temperature probe or Combo Meter faulty. |