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bluelab
simple solutions

Trouble	Possible reason	Possible solution
Nutrient reading low	Contaminated probe	Clean probe (see page 13 of manual)
	Temperature of probe and solution different	Wait 5-10 minutes for conductivity / temperature probe to reach solution temperature
Temperature reading inaccurate	Temperature of probe different to solution temperature	Wait 5-10 minutes for probe to reach solution temperature
pH reading inaccurate	Contaminated probe	Clean pH probe (see page 13). Replace probe if in doubt Wait longer for reading to stabilize before calibrating
	Using factory default calibration	Calibrate pH probe – see page 8 of manual
	Calibration old	Calibrate pH probe – see page 8 of manual
Display shows ERR during calibration	An attempt was made to calibrate with pH 4.0 or pH 10.0 calibration solution more than one hour after calibration with the pH7.0 solution	Calibrate to pH 7.0 again then do pH 4.0 / pH 10.0 calibration within one hour
	Old or contaminated solutions used for calibration	Use fresh calibration solutions
	Dirty or contaminated probe	Clean probe – see page 13 of manual
	pH Probe tip been allowed to dry	Hydrate pH probe – see page 5 of manual
	Probe damaged or old	Replace pH Probe
No Display	Mains not switched on	Switch mains power on
	Power adaptor not plugged into the monitor	Plug power adaptor into the base of the monitor labeled Power Inlet
A display shows or ur **_ _ _ _**	Over range value Under range value EC and pH cannot be determined as temperature range is over / under (see technical specification range page 14 of manual)	Check all equipment for faults. Check probes for signs of damage. Test pH probe in calibration solutions and conductivity / temperature probe in a known conductivity standard solution to eliminate these as a cause of this problem. Check solution tank / reservoir for problems.