Vernier Sensor Interference Tables - Go Direct

The following tables were constructed by testing pairs of sensors in a 1L beaker containing 600 mL of water. The water was at 22°C and had a conductivity of approximately 6,000 µS/cm.

Good = no interference

Bad = interference on one or both sensors

OK = minimal interference, use with caution

TBD = to be determined

Table A: Go Direct sensors (via Bluetooth) –

***tested on LabQuest 2, LabQuest 3, computer, and tablet (on battery and plugged into AC power)**

	CON	ODO	pH	ISE	ORP	SAL
CON	Good	Good	Good	Good	Good	TBD
ODO	Good	Good	Good	Good	Good	TBD
pH	Good	Good	Good	Good	Good	TBD
ISE	Good	Good	Good	Good	Good	TBD
ORP	Good	Good	Good	Good	Good	TBD
SAL	TBD	TBD	TBD	TBD	TBD	TBD

Table B: Go Direct sensors (via USB) –

***tested on LabQuest 2, LabQuest 3, and computer (on battery and plugged into AC power)**

	CON	ODO	pH	ISE	ORP	SAL
CON	Bad	Good	Bad	Bad	Bad	TBD
ODO	Good	OK	Good	Good	Good	TBD
pH	Bad	Good	Good	Good	Good	TBD
ISE	Bad	Good	Good	Good	Good	TBD
ORP	Bad	Good	Good	Good	Good	TBD
SAL	TBD	TBD	TBD	TBD	TBD	TBD

Table C: Go Direct sensors (one on USB, one on BLE) –

***tested on LabQuest 2, LabQuest 3, and computer (on battery and plugged into AC power)**

	CON	ODO	pH	ISE	ORP	SAL
CON	Good	Good	OK	OK	OK	TBD
ODO	Good	OK	Good	Good	Good	TBD
pH	OK	Good	Good	Good	Good	TBD
ISE	OK	Good	Good	Good	Good	TBD
ORP	OK	Good	Good	Good	Good	TBD
SAL	TBD	TBD	TBD	TBD	TBD	TBD

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