

ECO Pressure and Temperature Options Discontinued

September 2015

Affected Instruments:

- All ECO Instruments

WET Labs has discontinued the auxiliary temperature and pressure (T/P) option for all ECO instruments. This decision is based on factors related to production and T/P data quality. We apologize for any inconvenience this has caused our customers and end users.

As an alternative to the integrated T/P ECO option, we are recommending that customers consider integrating ECO products with one of Sea-Bird Electronics' standalone sensors or CTDs. Three options include:

- ECO + SBE 56: This is the lowest priced option for the customer who needs temperature only. The SBE 56 is a simple and rugged standalone temperature logger that features USB data handling and very high accuracy (± 0.002 °C). The ECO and SBE 56 log separately and the data will need to be synchronized in post processing.
- ECO + SBE 39plus (with pressure option): This combination gives the customer the lowest overall price for the addition of both temperature and pressure (approximately the same price as the ECO with T/P options). Similar to the SBE 56, the SBE 39plus will not directly communicate with the ECO. Each instrument logs separately and the data will need to be synchronized in post processing. The SBE 39plus will give the customer very high accuracy temperature and pressure data (± 0.002 °C, and $\pm 0.1\%$ of chosen pressure range).
- ECO + SBE 19plus V2: With this combination, the ECO can be connected directly to the CTD host. This allows a single data stream and the addition of conductivity data, as well as very high accuracy temperature and pressure data (0.005 °C and $\pm 0.1\%$ of chosen pressure range). This option is approximately 2 to 2.5 times more expensive than the ECO with the old T/P option

To choose from the options above, please consider your application carefully. If temperature is the only auxiliary measurand required, the SBE 56 is a great choice. If the application calls for temperature and pressure, but does not require a real-time unified data stream, the SBE 39plus is the right choice. For applications which have more sophisticated requirements, the SBE 19plus V2 or other SBE CTD is likely the best choice. Please contact WET Labs to discuss what options best fits your application.

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Note: WET Labs will continue normal service/support for existing ECO instruments with the T/P sensors installed