

Valeport fastCTD Profiler



Valeport's fastCTD Profiler is designed to deliver high-quality CTD casts at rapid drop rates. Created for [coastal and oceanographic profiling](#), this profiler is an evolution of Valeport's popular [miniCTD](#) instrument. The system incorporates Valeport's world-class technology to allow the fastCTD Profiler to deliver the highest-quality profiles in a lightweight and robust package.

The fastCTD Profiler uses a conductivity cell designed for optimum flow-through, a high accuracy, fast response thermistor temperature sensor and a 0.01% pressure sensor synchronously sampling at up to 32Hz to attain the most accurate measurement data. Completely programmable, no data is logged until the programmed trigger depth is reached by the device.

The Valeport fastCTD Profiler is also available with an optional integral [Fluorometer](#), from Valeport's Hyperion range and an optional Bluetooth communications module for easy data analysis or export. Designed to operate autonomously and powered by a single D-cell battery, this instrument can also be supplied with a traditional SubConn connector for standard RS232/RS485 communication.

The fastCTD Profiler is supplied as standard with a deployment frame and Datalog X2 operating software.

The fastCTD Profiler is [available to order](#).