



## **SBE 19plus V2 SeaCAT Profiler CTD**

**Product #:**

**SBE19PLUSV2SEACATPROFILERCTD**

**USD Price:**

Contact Sea-Bird

The SBE 19plus V2 SeaCAT measures conductivity, temperature, and pressure at 4 scans/sec (4 Hz) and provides high accuracy and resolution, reliability, and ease-of-use for a wide range of research, monitoring, and engineering applications. Pump-controlled, T-C ducted flow minimizes salinity spiking caused by ship heave and allows for slow descent rates without slowing sensor responses, improving dynamic accuracy and resolving small scale structure in the water column. The 19plus V2 supports numerous auxiliary sensors including dissolved oxygen, pH, turbidity, fluorescence, oil-in-water, PAR, nitrates, and altimeter, with six A/D channels and one RS-232 data channel. Nine alkaline D-cells provide power for up to 60 hours of profiling.

### Features

- Unique internal-field conductivity cell permits use of T-C duct, minimizing salinity spiking.
- Aged and pressure-protected thermistor has a long history of exceptional accuracy and stability.
- Pressure sensor with temperature compensation is available in eight strain-gauge ranges (to 7000 m) and eleven Digiquartz® ranges (to 10,500 m).
- Pump runs continuously in profiling mode, providing correlation of CTD and plumbed auxiliary sensor measurements.