

# CTD & ULP-CTD Specifications Data Sheet

**Conductivity:** Range: 0-7 S/M, Resolution: 0.00004, Initial Accuracy: +/- 0.0003 S/M, Typical Stability: +/- 0.0003

Response < 0.065 msec Free Flushed @ 100 cm/min Velocity Through Water

**Temperature:** Range: -5C to 35C, Resolution: 0.0002, Initial Accuracy: +/- 0.001, Typical Stability: +/- 0.0002C per Month.

CTD: Response High Speed Probe .065 sec

ULP-CTD: Response Standard Probe 0.100 Sec

**Pressure:** Range: User Set, Resolution: 0.001% F.S., +/- 0.015% F.S., +/- 0.02% F.S. Year.

Response < 0.015 Sec

## Power Consumption:

CTD: 200 mW (all sampling speed) Standard Version

ULP-CTD: 50 mW (all sampling speed) ULP Version

**Sampling Speed:** 2 to 26 Frames of CTD/Second Standard Version

Sampling Speed: 1 or 2 Frames of CTD/Second ULP Version

**Auxiliary Sensors:** The unit has an 8 Channel 12 BIT A/D Range 0 – 3.3VDC A/D convertor available for Auxiliary Sensors

Consult Factory for Auxiliary Channel Input Filter Conditioning & Response

## Auxiliary Sea Cable Telemetry Module:

**Sea Cable:** Inner conductor resistance 0 to 350 ohms?

**Modem Baud Rate:** Up Data UP Rate 9600 BPS

Bi Directional Serial Command Channel 300 BPS Full Duplex

Power For External Sensors : 1 Amp at 15VDC

**Weight:** TBD

Data Sheet

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