

# Temp-Depth Starmon TD

For profiling and long term

## Advantages at glance

- Fast and accurate
- Compact and durable
- Large memory
- Long life, replaceable battery

## Applications

- Fishing gear
- Tidal waves
- Moorings



# STAR:ODDI

Logging Life Science

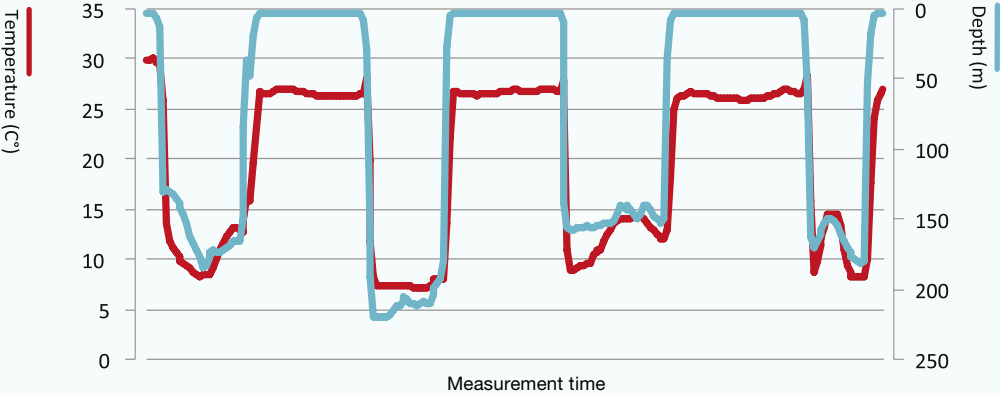
**Compact and durable** This temperature and depth logger is designed to withstand harsh conditions and long-term deployment subsea. The logger is durable with its robust and non-corrosive titanium housing, easy to attach to gear.

**Fast and accurate** Temperature sensor has fast response of 2 seconds and immediate depth response. Depth accuracy is better than +/-0.3% of full range and temperature accuracy +/-0.025°C. Sampling intervals are user programmable down to 20 times per second.

**Long life** The replaceable battery typically has long life over 10 years. Actual lifetime depends on sampling interval used and frequency of use.

**Large memory** Starmon TD has a large memory size of 8.4 million recordings per sensor.

**Individually calibrated** A calibration certificate is delivered with each instrument.



Technical specifications

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Housing material          | Titanium                                                      |
| Temperature range         | -2°C to +40°C (28°F to 104°F). Extended calibration available |
| Temperature resolution    | 0.002°C (0.004°F)                                             |
| Temperature accuracy      | +/-0.025°C (+/-0.045°F)                                       |
| Temperature response time | 2 seconds time constant (63% of full value)                   |
| Depth range               | 50m, 100m, 200m, 500m, 1000m, 2000m, 4000m                    |
| Depth resolution          | 0.01% FS (Full Scale) of selected range                       |
| Depth accuracy            | Better than +/-0.3% of selected range                         |
| Memory capacity           | 8.4 million measurements per sensor with date & time          |
| Sampling interval         | User programmable in milliseconds, seconds, minutes or hours  |
| Accessories needed        | SeaStar application software and standard USB cable           |
| Data logger size          | Length 197 mm x diameter 40 mm                                |
| Weight                    | 608g in air / 388g in water                                   |
| Battery life              | 10 years*                                                     |

\*For sampling interval of 2 min. Battery is replaceable.  
Specifications may change without notice.