

Deepwater Temperature Logger

HYDROlog[®] 3400

The HYDROlog[®] 3400 is a compact deepwater temperature logger designed for long-term offshore and subsea deployments. Rated to 11,000 m and housed in titanium, it provides temperature measurement and onboard data storage in a small Ø21 mm x 135 mm format.

With a measurement range of -40 °C to +85 °C, high-resolution temperature readings and capacity for up to 50,000 samples, the HYDROlog[®] 3400 supports temperature monitoring in demanding deepwater applications where space, depth rating and reliable data capture are critical.



KEY FEATURES

- 11,000 m depth rating
- Compact titanium housing
- Wide temperature range: -40 °C to +85 °C
- High-resolution temperature readings
- Multipoint temperature calibration
- Up to 50,000 samples
- Flexible logging interval
- Delayed start functionality
- Standard USB interface

APPLICATIONS

- Wellbore monitoring
- Drilling temperature monitoring
- Subsea Christmas tree monitoring
- Umbilical temperature profiling
- Riser system monitoring
- Subsea equipment temperature monitoring

TECHNICAL SPECIFICATIONS

Physical specifications	Dimensions	Ø21 mm x 135 mm
	Housing	Titanium
	Depth rating	11,000 m
Temperature specifications	Range	-40 °C to +85 °C
	Resolution	0.03 °C across temperature range
	Data resolution	12-bit
	Calibration	Multipoint temperature calibration
Data and interface	Memory	Up to 50,000 samples
	Connection	Standard USB interface
	Software	AQUA <i>talk</i> ™ for deployment, download and data export
Operation	Power	Integrated lithium battery
	Sampling	Flexible logging interval
	Start mode	Delayed start functionality

