



6000 SUBSEA TEMPERATURE AND PRESSURE LOGGER

The 6000 Temperature and Pressure Subsea Logger is a compact, self-contained, subsea unit which logs and displays readings from internal digital pressure and temperature sensors to ensure acceptable hydro-test results have been achieved.

Key benefits:

- Enables ROV, vessel or diver to perform associated tasks in parallel resulting in accelerated completion of work and potential cost savings and project flexibility.
- Can be interfaced with an acoustic pinger, data transducer or strobe enabling remote monitoring or indication when a particular pressure, temperature or time threshold is reached.
- Unit and interface components can be mounted in an easy to deploy cradle.
- A successful test can be confirmed without needing to recover the unit for download of data.
- Compact, self-contained unit with minimal connections and cabling resulting in easy installation and reduced risk to the operation.
- Capable of displaying and logging 2x pressure and temperature for approximately 100 days, complete with time and date.
- All functions can be carried out using a single control button and intuitive menu system.

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Specification:

Battery Type	12V Alkaline pack
Battery Life at 5°C	105 days
Operating Temperature Range	-5°C to +65°C (+23°F to +149°F)
Operating Depth	3,000m (9842ft)
Standard Pressure Range	0-700 barg (please contact OEL to discuss options)
Standard Pressure Sensor Accuracy	±0.05% FS (0.001 bar resolution)
Pressure Connection	¼" BSPP M/M ADAPTOR or Customer specified
Temperature Sensor Accuracy	±0.5°C (0.01°C resolution)
Weight in air (including delrin mount)	14.1kg (31lbs)
Weight in water (including delrin mount)	9.1kg (20lbs)
Width (including Burton blanking plug)	235mm (9.3")
Height	160mm (6.3")
Length	275mm (10.8")

Materials:

Housing Material	ALLOY BRONZE CA104 EN 12163
Window Material	ACRYLIC

Options:

External Power	+15V to +28V
Data Communication	RS485
Remote Communication	Acoustic Data Transducer
Logging	Various regimes available

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