

DST milli-TD

Small Depth Temperature Logger

Economical and autonomous data logger.
Large memory for fast sampling.

Easy to mount on submersible gear and moorings for both short and long term studies in underwater environments.



Key features

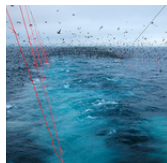
- Small and handy depth water level logger
- Flexible mounting with protective housing
- Low to high pressure ranges
- Large memory size
- High temperature logger version available

Required accessories

Communication Box, SeaStar Windows software.

Optional accessories

Polyurethane plastic protective housing, stainless steel housing.



Technical specifications

Sensors	Temperature and pressure (depth)
Size (Diameter x Length)	13mm x 40mm (15mm at the closure end)
Housing Material	Alumina (Ceramic)
Weight (in Air/in Water)	12g/7g
Data Resolution	12 bits
Temperature Range	-1°C to +40°C (30°F to 104°F)
Temperature Resolution	0.032°C (0.058°F)
Temperature Accuracy	Standard range: +/-0.1°C (0.18°F) Extended range: +/-0.2°C (0.36°F)
Temperature Response Time	Time constant (63%) reached in 12 sec.
Standard Depth/Pressure Ranges	50m, 100m, 250m, 500m, 800m
Depth/Pressure Resolution	0.03% of selected range
Depth/Pressure Accuracy	+/-1% of selected range
Depth Response Time	Immediate
Memory Type	FLASH
Memory Capacity	1,398,102 measurements in total*
Number of Measurements	699,000 paired temp-pressure/depth measurements
Memory Capacity Bytes	2 MB
Measurement Interval	User specified in second(s), minute(s), or hour(s)
Minimum Measurement Interval	0.1 second fastest
Burst Measuring Option	10 Hz (10 measurements per sec.)
Multiple Intervals Option	Up to 7 different intervals
Measurement Options (Primary/Secondary)	Temp or pressure/depth as primary with faster interval
Data Retention	25 years
Clock	Real time clock. Accuracy +/-1 min/month.
Communications	Communication Box, wireless transmission when DST sits in the box. Connection to PC: USB cable.
Attachment Hole	0.9 mm (diameter)
Battery Life	3.5 years***
Replaceable Battery	No

* Total memory is divided between the two sensors.

** Extended calibration available upon request.

*** For sampling interval of 5 minutes. Sampling interval of 2 minutes = 2.5 years lifetime.

Warranty: 12 months.

Specifications may change without notice.