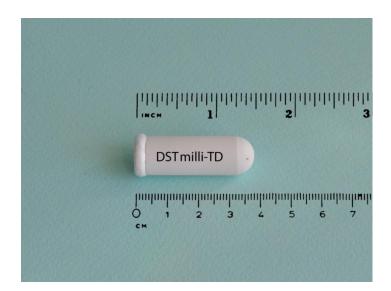
STAR ODDI

DST milli-TD

Small Temperature and Depth Logger with Large Memory Size

Easy to mount on subsea gear, fishing nets, and moorings for short or long-term studies in underwater environments and diverse industries.



Key features

- Small and handy depth water level logger
- Flexible mounting with protective housing
- Pressure range from low to high pressure
- Large memory size
- High temperature calibration available

Required accessories

PC Communication Cable, SeaStar Windows software Option: Polyurethene plastic protective housing, stainless steel housing.

Various depth/pressure

ranges

Choose a calibration range up to: 50 m, 100 m, 500 m, 800 m

Contact Us

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TECHNICAL SPECIFICATIONS

Sensors	Temperature and pressure (depth)
Size (Diameter x Length)	13mm x 39.4mm
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 Ranges	0.1m-50m, 0.1m-100m, 1m-250m, 5m-500m, 5m-800m
Depth Resolution	0.03% of selected range
Depth Accuracy	+/-0.6% of selected range
Depth Response Time	Immediate
Pressure Ranges	5 bar, 10 bar. 25 bar, 50 bar, 80 bar
Pressure Resolution	0.03% of selected range
Pressure Accuracy	+/-0.3% of selected range
Memory Type	FLASH
Memory Capacity	1,398,102 measurements in total*
Number of Measurements	699,000 paired temp-pressure/depth meas.
Memory Capacity Bytes	2 MB
Sampling Interval	User specified in second(s) minute(s), or hour(s)
Minimum Measuring Interval	0.1 second fastest

Burst Measuring Option	10 Hz (10 measurements per sec.)
Multiple Intervals Option	Up to 7 different intervals
Primary/Secondary Option	Temperature or pressure/depth as primary with faster interval
Data Retention	25 years
Clock	Real time clock. Accuracy +/-1 min/month.
Communications	Communication Box, wirelss 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

Specifications may change without notice.

^{*} 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.