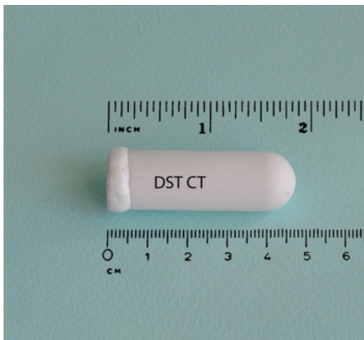


DST CT

Conductivity, Depth and Temperature Logger

Small and cost-effective. Easy to mount on moorings. Wide salinity range. Long battery life.

For use on subsea moorings, underwater equipment and water quality monitoring for long-term oceanographic studies.



Key features

- Smallest conductivity logger on the market
- Easy to mount on moorings
- Wide salinity range
- Long battery life – up to 5 years
- High pressure tolerance

Required accessories

Communication Box, SeaStar Windows software.

Optional accessories

Polyurethane plastic protective housing, Copper grid, Stainless steel housing.



Technical specifications

Sensors	Conductivity (salinity), temperature, pressure (depth)
Size (Diameter x Length)	15 mm x 50 mm (18mm at the closure end)
Housing Material	Alumina (Ceramic)
Weight (in Air/in Water)	21g/13g
Data Resolution	12 bits
Conductivity Ranges	Wide range: 2-68 mS/cm Low range: 0.1-6 mS/cm
Conductivity Resolution	Range 2-68 mS/cm: 0.03 mS/cm; Range 0.1-6 mS/cm: 0.003 mS/cm
Conductivity Accuracy	Range 2-68 mS/cm: +/- 1.5 mS/cm, Range 0.1-6 mS/cm: +/- 0.15 mS/cm
Salinity Range	Depends on conductivity and temperature range (consult with Star-Oddi)
Salinity Resolution	Range 2-68 mS/cm: 0.02 PSU* Range 0.1-6 mS/cm: 0.002 PSU*
Salinity Accuracy	Range 2-68 mS/cm: +/- 1 PSU* Range 0.1-6 mS/cm: +/- 0.1 PSU*
Temperature Range	-1°C to +40°C (30°F to 104°F)
Operating Temperature Range	-10°C to +60°C
Temperature Resolution	0.032°C (0.058°F)
Temperature Accuracy	+/- 0.1°C (0.18°F)
Temperature Response Time	Time constant (63%) reached in 20 sec.
Pressure Tolerance	Max can be 2500m (please provide the max depth for intended use, to meet the pressure requirement)
Memory Type	Non-volatile EEPROM
Memory Capacity	130,826 measurements per sensor
Memory Mangement	Custom programming
Measurement Interval	User specified in second(s) minute(s), or hour(s)
Minimum Measurement Interval	1 second
Multiple Intervals Option	Up to 7 different intervals
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	5 years**
Replaceable Battery	No

* Based on conductivity full scale accuracy at 24°C.

** For sampling interval of 10 minutes.

Warranty: 12 months.

Specifications may change without notice.