PERSONAL SERVICE

Customers are Star-Oddi's best advisors. We are always looking for new ideas and ways to improve our products. Please contact us if you have any suggestions for us.

STAR-ODDI LTD.

Founded in Iceland in 1985, Star-Oddi has become recognized as one of the world's leading manufacturers of technology for research and industrial use.

Since 1993, Star-Oddi has been developing and manufacturing miniature data loggers with various sensors.

Our mission is to provide unique, reliable and innovative research tools to scientists collecting data on animals and aquatic environments.

STAR ODDI

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Starmon mini

Underwater Temperature Recorder



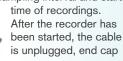
STAR : ODDI

STARMON MINI

The Starmon mini records water temperature at a user defined interval and stores the data in its internal memory. The recorder is supported by the Communication Cable and the SeaStar software. Every Starmon recorder is calibrated in a stable, high accuracy temperature bath and has its individual calibration constants stored in its memory. Every Starmon recorder is delivered with a calibration certificate. Starmon mini is available in plastic (400m depth range) or titanium (11,000m depth range) housing.

EASY TO USE

Using Starmon mini is simple and easy. The end cap of the housing is removed and the recorder is connected to a PC computer with the Communication Cable, either to a 9 pin RS232C serial port or USB. The user connects with the recorder through the SeaStar software and defines the sampling interval and start



is screwed firmly on and the recorder is ready for deployment. After the measuring period, data is uploaded from the recorder into a PC computer using the Communication Cable and SeaStar software. In SeaStar the data is shown in graphic and tabular form along with date and time of each measurement. Data can be imported into other data processing software.

APPLICATIONS

The Starmon mini is designed for use in oceans, rivers and lakes and has a reputation for being a reliable instrument in demanding environments. Starmon mini is mainly used for researches within the fields of marine biology, oceanography, hydrology, aquaculture, oil & gas, geology, geothermal and boreholes.

ACCESSORIES

Customers can optionally purchase a stainless steel housing for extra protection and for more flexible mounting options. It can be useful when securely fastening the recorder to a mooring, buoy or underwater gear. A battery replacement kit for Starmon mini is available.



Research vessel

FEATURESTempera

- Temperature accuracy better than +/-0.025°C or +/-0.05°C
- Long battery life
- Large memory size
- Replaceable battery
- Robust and non-corrosive housing
- User friendly software for Windows©



measurement is 2 bytes with +/-0.025°C acc.

and 1.5 byte with +/-0.05°C acc.)

-2°C to +40°C (28°F to 104°F)

final value reached in 3 min.**

final value reached in 1 min.**

RS-232C 9 pin serial or USB

25 years

1 second

Real time clock Accuracy +/-1 min/month

2.8mm (in diameter)

Outside ranges available upon request 0.001°C (0.0018°F) or 0.013°C (0.023°F)

Better than +/-0.025°C (0.045°F) or +/-0.05°C (+/-0.09°F)

Plastic: Time constant (63%) is 18 sec. and

Titanium: Time constant (63%) is 6 sec. and

User programmed intervals

For a sampling interval of 10 minutes

Fastest possible sampling interval

Memory management

Temperature resolution
Temperature accuracy

Temperature response time

Temperature range

Data retention Clock

Communications

Attachment hole

**For a 40°C (104°F) temperature step response in stirred liquid

Specifications may change without notice

