

Height/Depth Sensor for Seiner

Specialized sensor for purse seine with Depth/Height measurement

Precise and reliable measurements- see the position and the movement of the seine at all times

Extremely robust construction with special plastics protecting against damage

Withstands a stretch of 6,5 tons- Scanmars strongest sensor ever!



Height/Depth sensor for Purse Seine

Tight control of the movement and the position of the purse seine, especially during the shooting phase, is an important factor for successful fishing.

Scanmar's new Height/Depth sensor for Purse Seine provides important and reliable information about the position and the movement of the seine at all times, increasing the catch ability and reducing the danger of tearing up the seine.

Areas of use

- Purse Seine: one or several sensors on the line

User advantage

- The Depth measurement shows distance to the surface and is used to monitor the sinking speed and the position of the seine in water.
- The Height measurement shows distance to the bottom and helps the skipper to place the seine closer to the bottom.
- Start to haul at the right time in the launch phase.
- Increased catch ability and reduced danger of tearing up the seine.

Construction

The new sensor is developed specially for purse seiners and is a stronger and more robust version of the classic combination sensor for purse-seiners. The electronics is moulded into the same resilient plastics as in the SS4 generation of sensors. This protects against damage (ex from Triplex). In addition, the sensor body is reinforced with Kevlar-reinforcements. The sensor withstands a stretch of 6,5 tons and is Scanmar's strongest sensor ever!

Technical specification

MEASUREMENTS

Depth

Range (full scale)	300 m
Accuracy	1 m

Height

Range (full scale)	1.5-60 m
Accuracy	+/- 3%

OPERATION

Mounting position	Purse line
Update rate depth	approx. 4 sec
Update rate height	approx. 6 sec
Operation time	Up to 35 hours
Max depth	1 200 m

BATTERY

Type	NiCd, 2x12V/ 600 mAh
Charging time	Typ. 1,5 hours

WEIGHT

In air	5,8 kg
In water	1,9 kg

UPLINK

Frequency	38,9 – 43,4 kHz
Source level	186 dB //1uPa @ 1m
Beam width	55 deg [- 3dB]

ECHO SOUNDER

Frequency	96 kHz
Source level	198 dB//1uPa @ 1m
Beam width	40 deg [-3dB]

ACCESSORIES AND SPAREPARTS

Mounting kit purse seine	110290
Battery pack	105485 (2 pcs)
Battery charger	QBC-X1

ENVIRONMENTAL

Storage	-20°C til 55°C
Disposal of sensor	According to WEEE-directive

Note: all specifications can be altered without prior notice.