

SP2T fishery application

*Temperature and water depth profile and recording,
for purse seiners*



Data loggers

The **SP2T fishery application** measures and records **temperature** and **pressure**. It can be used for monitoring these parameters and make depth seine profiles.

It has been designed to be used down to 300m.

Easy to use

- Set up and automatic data transfer after each seine haul with radio link.
- Visualization and operating PC software
- Easy maintenance

Rugged and reliable

- Optimal protection of the sensors
- Lithium batteries for long-term use (several years).

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SP2T fishery application

Temperature / Depth profile & recording for purse seiners

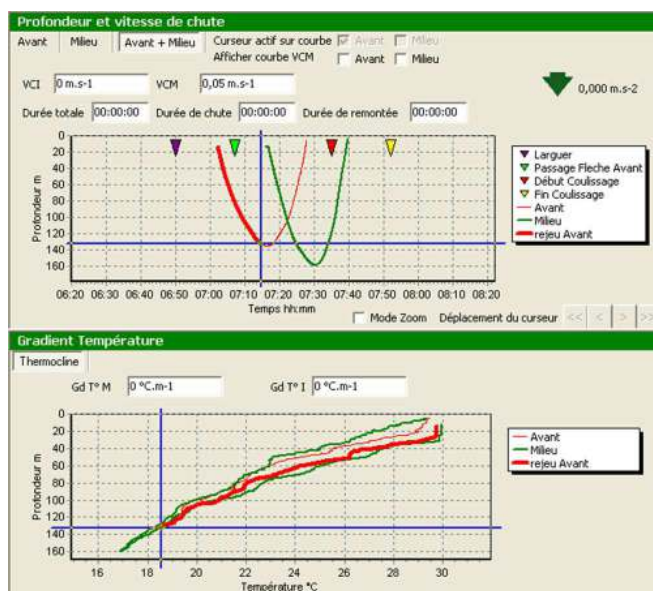


SP2T fishery application: Profiler version, Radio communication (via a Radio Data Pencil or a Concentrator). This version was developed in collaboration with Ifremer.



Concentrator set up on a tuna purse seiner

DESIGNATION		SP2T fishery application
Order code		60-07-407
Depth	Depth	300 m
	Accuracy	<60 cm
	Resolution	9 cm
	Max depth	750 m
Temperature	Range	-5°C to +35°C
	Resolution	11m°C at 0°C, 13m°C at 10°C, 20m°C at 20°C
	Accuracy	0.05°C from 0 to 20°C / 0.1°C otherwise
	Response time (63%)	PR : <0.5s (external temperature sensor)
Time		Internal clock with calendar (+/- 1.3 mn/month)
Triggering		Auto measure triggering by pressure detection when the seine is launched into the water
Sampling rate		One temperature measure / depth every 5 sec.
Autonomy	Memory	Up to 300 000 measurement couples (P+T)
	Energy	> 3 years, 1s sampling rate (replaceable Lithium batteries)
Dimensions Weight in air		169 mm x Ø 27 mm
		150 gr approx



PC Software to display data and show historical data

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