

SP2T fishery application

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



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).

nke
INSTRUMENTATION

www.nke-instrumentation.com



SP2T fishery application

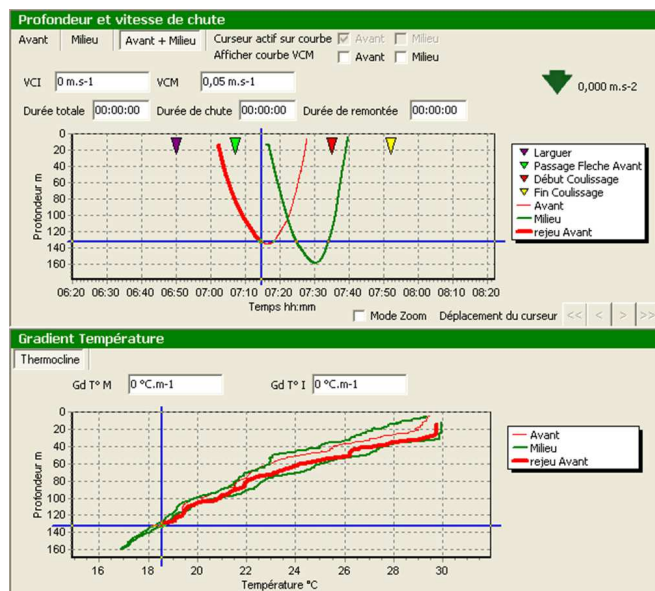
Temperature / Depth profile & recording for purse seiners



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

nke
INSTRUMENTATION



Sales Department
Tel : +33 (0)2 97 36 41 31 - Fax : +33 (0)2 97 36 55 17
info.instrumentation@nke.fr
www.nke-instrumentation.com

