



SP2T

Pressure and Temperature data logger

Temperature and water depth profile and recording

SP2T measures and records **temperature** and **pressure**.

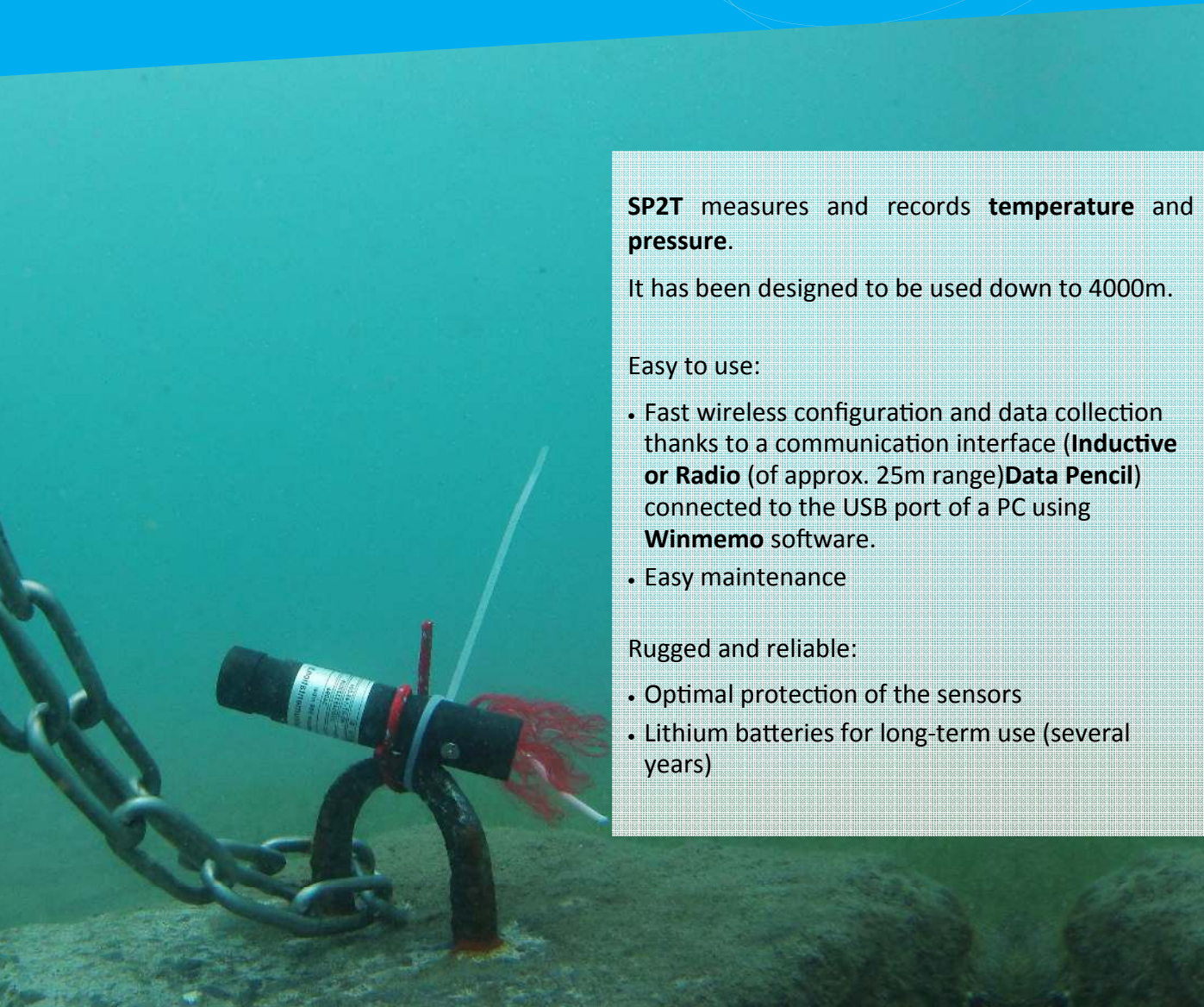
It has been designed to be used down to 4000m.

Easy to use:

- Fast wireless configuration and data collection thanks to a communication interface (**Inductive or Radio** (of approx. 25m range)**Data Pencil**) connected to the USB port of a PC using **Winmemo** software.
- Easy maintenance

Rugged and reliable:

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



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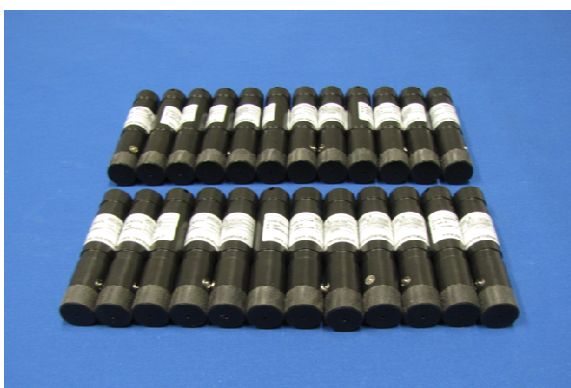
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SP2T *autonomous data logger*

Water quality control



Several versions of **SP2T** are available, depending on **depth range** and on **transmission** option:

SP2Txxx-SI: Stationary version (for stationary measurements), Inductive communication (via an Inductive Data Pencil).

SP2Txxx-PR: Profiler version, Radio communication (via a Radio Data Pencil or a Concentrator).

xxxx: depth ranges **10m, 30m, 150m, 300m, 600m 1200m and 4000m**.

DESIGNATION		SP2T10	SP2T30	SP2T150	SP2T300	SP2T600	SP2T1200	SP2T4000
Order code	SI version	60-07-145	60-07-212	60-07-146	60-07-147	60-07-148	60-07-155	60-07-156
	PR version				60-07-237	60-07-197		
Depth (D)	Depth	10 m	30 m	150 m	300 m	600 m	1200 m	4000 m
	Accuracy	<3 cm	<9 cm	<45 cm	<90 cm	<1.8 m	<3.6 m	<12 m
	Resolution	0.3 cm	0.9 cm	5 cm	9 cm	18 cm	36 cm	1.2 m
	Max depth	75 m	75 m	750 m	750 m	750 m	3000 m	5000 m
Temperature (T)	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%)	SI : <1s PR : <0.5s						
Time		Internal clock with calendar (+/- 1.3 mn/month)						
Triggering		Programmable pressure level trigger						
Sampling rate		Programmable from 1 second to 99 hours						
Autonomy	Memory	Up to 300 000 measurement couples (P+T)						
Autonomy	Energy	> 3 years, 1s sampling rate (replaceable Lithium batteries)						
Dimensions		SI :			PR:			
		130 mm x Ø 27 mm			169 mm x Ø 27 mm			
Weight in air		110 gr approx			150 gr approx			



> SP2T 1200-SI



> SP2T-PR

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