

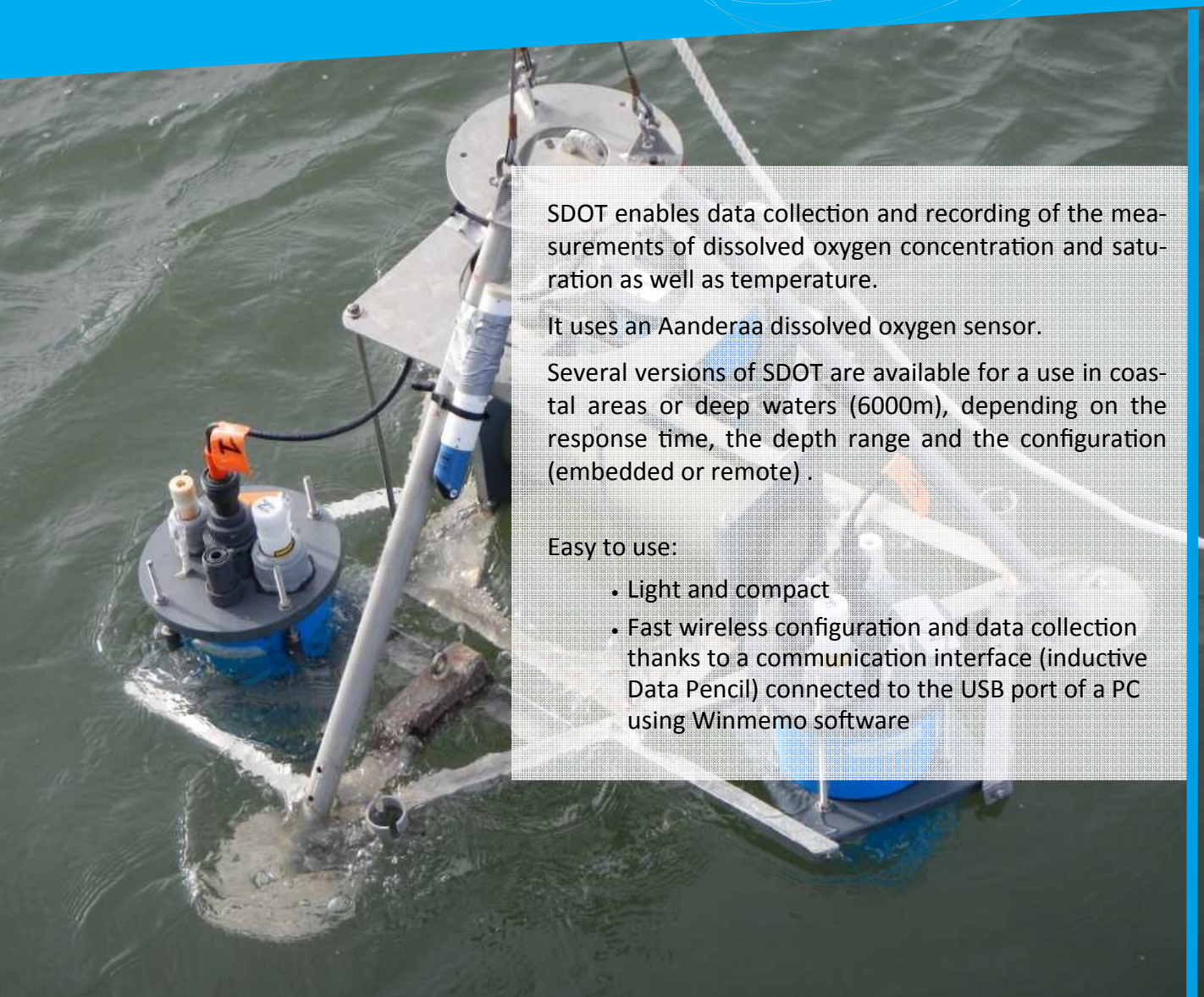
# SDOT

## *dissolved oxygen data logger*

***Dissolved oxygen and temperature monitoring***



Data loggers



SDOT enables data collection and recording of the measurements of dissolved oxygen concentration and saturation as well as temperature.

It uses an Aanderaa dissolved oxygen sensor.

Several versions of SDOT are available for a use in coastal areas or deep waters (6000m), depending on the response time, the depth range and the configuration (embedded or remote) .

Easy to use:

- Light and compact
- Fast wireless configuration and data collection thanks to a communication interface (inductive Data Pencil) connected to the USB port of a PC using Winmemo software

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# SDOT *autonomous data logger*

*Dissolved oxygen and temperature monitoring*



Several versions of **SDOT** are available depending on the response time (standard or fast) and the depth range:

**SDOT300**: 300m waterproof version with embedded Optode sensors 4835 (standard) or 4330F (fast).

**SDOT6000**: 6000m waterproof version with embedded Optode sensors 4330 (standard) or 4330F (fast).

**SDOT6000D**: 6000m waterproof version with remote Optode sensor 4330 (standard) or 4330F (fast) .

DESIGNATION		SDOT300	SDOT6000	SDOT6000D
Order code	Standard resp. time	60-07-366		
	Fast resp. time		60-07-365	60-07-139
Maximum depth		300m		6000m
Time		Internal clock with calendar. Clock drift 1mn/month		
Sampling rate		2 seconds to 99 hours		
Data transmission		Wireless configuration and data collection with an inductive link (Data Pencil) and a PC.		
Operating temperature		-10 °C / +45 °C		
Autonomy	Memory	1Mo, max. 5 years		
	Energy	Depends on the sensor and the sampling rate, (contact us for information)		
Saturation	Range	0 / 150 %		
	Accuracy	< 5%		
Concentration	Range	0-500µM		
	Accuracy	< 5%		
Temperature	Range	-5 / 40 °C	-5 / 40 °C	-5 / 40 °C
	Accuracy	0.1°C	0.1°C	0.1°C
DO response time (63%)		Standard : <25s Fast : <8s		
Mechanical features	Dimensions	Ø 40 x 253 mm	Ø 40 x 253 mm	Ø 40 x 253 mm
	Weight	407g	800g	1015g
	Housing	Plastic	Plastic/Titane	Plastic/Titane



Pictures EPOC University of Bordeaux



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