



WiSens DO

*Dissolved oxygen, temperature and depth measurements
Autonomous data logger*



New WiSens range:

- Autonomous
- Wi-Fi connection
- Compatible iOS, Mac OS, Windows, Android
- No specific software

WiSens DO measures and records **dissolved oxygen** concentration or saturation, **depth** and **temperature** down to 500 meters.

Compact and easy to use:

- Fast wireless configuration and data collection thanks to the Wi-Fi communication
- Easy maintenance

Rugged and reliable:

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





WiSens DO Autonomous data logger

Dissolved oxygen, temperature and depth data logger

DESIGNATION		WiSens DO 500m
Temperature (T)	Range	-2C to +35°C
	Resolution	0.001°C
	Accuracy	0.005°C
Depth (D)	Range	500m
	Resolution	Configurable
	Accuracy	0.15%
Oxygen concentration	Range <i>Optimum</i>	0 -22mg/L
	<i>Maximum (not specified)</i>	0-44 mg/L
	Resolution	0.025 mg/L at 20% O2
	Accuracy	±0.1 mg/L at 20% O2
Oxygen saturation	Range <i>Optimum</i>	0 -250% a.s.
	<i>Maximum (not specified)</i>	0-500% a.s.
	Resolution	0.025 at 20% O2
	Accuracy	±1% of reading at 20% O2
DO response time (90%)		T90 < 15s
Time	Internal clock with calendar	< 1mn/month
Start and stop mode	Manual or programmable	Dissolved oxygen, pressure or temperature level trigger, Date condition
Sampling rate		Programmable from 1 second to 99 hours
Autonomy	Memory	16 Mb (= 2.5 million measures)
	Energy	Replaceable Lithium battery
Data	Format	CSV
	Compression	ZIP
Dimensions Weight in air		320 mm x Ø 40 mm
		400 gr
Communication	Wi-Fi	Magnetic activation Accessory: remote control



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

