

We come from the ocean

## **Multiparameter sonde**

and so much more





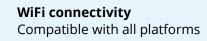
**Digital smart sensors** Plug and unplug at will



**Cleaning system** Proven efficiency



**Long-lasting autonomy** Alkaline batteries





+)



**Light & Robust** Proven robustness



**User-friendly interface** Easy to use web embedded interface

Up to 20 water parameters

Can be measured by a sonde



**Data precision** High quality standards

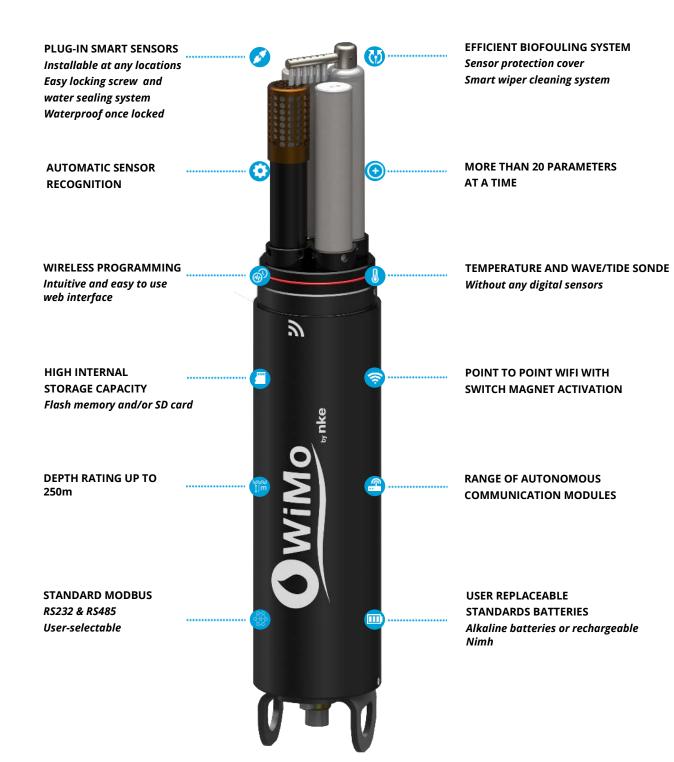


**3G / 4G solution** And other remote communication





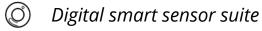
WiMo Plus 7 locations





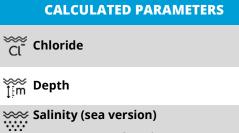
## Specifications

PHYSICAL FEATURES	MECHANICAL FEATURES		
Dimensions:	Depth rating: 250 meters	WiFi communication	Operating temperature:
WiMo w/ sensors: 489 mm	<i>Memory:</i> flash memory or SD card—available on request	Modbus RS232 / RS485	-2°C / +35°C
WiMo Plus w/ sensors: 499 mm	· · · ·	No dedicated software required:	Storage temperature:
Diameter (WiMo): 85mm	Battery: Alkaline batteries	the web embedded interface is compatible with all types of plat-	-20°C / +50°C
Weight in air (WiMo): 2,65 kg		forms	



	NATIVE PARAMETERS	RANGE	RESOLUTION	ACCURACY
J	Temperature	-2 to +35°C	0.05°C	±0.7°C
Q	Water Pressure	0 to 25 bars	0.001 bar	0.15%

SENSOR	RANGE	RESOLUTION	ACCURACY
Conductivity (C)	0 to 100 mS/cm	0.0001 ms/cm	±0.5% of reading
Temperature	-2 to +35°C	0.001°C	±0.05°C
🛞 Turbidity (Tbd)	0 to 4000 FNU	0.01 FNU	0.4FNU or ±5% of reading
Oxygen concentration	0 to 23 mg/L	0.025 mg/L at 20% O2	±0.1 mg/L at 20% O2
🗑 Oxygen saturation	0 to 250%	0.025 at 20% O2	±1% of reading at 20% O2
👌 рН	0-14 pH units	0.01 pH unit	±0.1 pH unit
Fluorescence (Fluo) <sup>Chl-a</sup> Chlorophyll A	0 to 500 µg/L	0.3 µg/L	Linearity: 0.99 r <sup>2</sup>
➢ Fluorescence (Fluo) PC Phycocyanin	0 to 4500 ppb PC	2 ppb PC	Linearity: 0.99 r <sup>2</sup>
Fluorescence (Fluo) PE Phycoerythrin	0 to 750 ppb PE	0.1 ppb PE	Linearity: 0.99 r <sup>2</sup>
CDOM fDOM	0 to 1000 ppb	0.1 ppb	Linearity: 0.99 r <sup>2</sup>
сром	0 to 3000 ppb	0.5 ppb	,



0.1 PSU or 1% of reading

Sound velocity

Specific conductivity

👧 Total dissolved solids

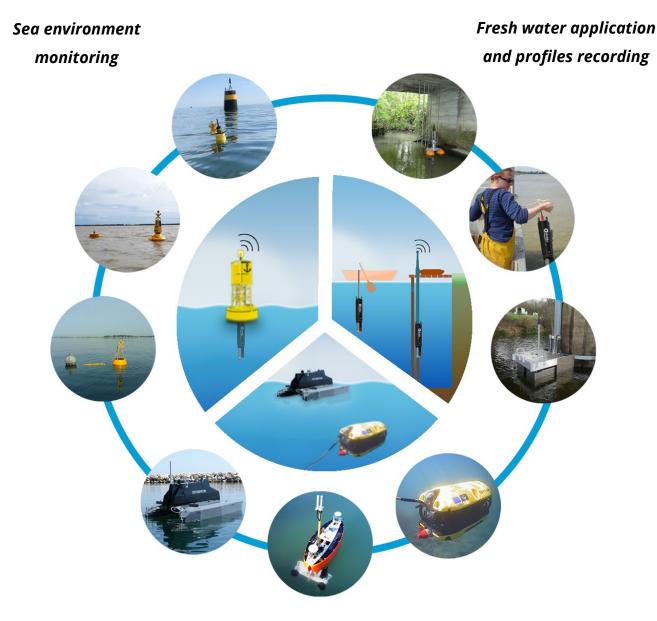
## \*Real smart interchangeable sensors: each sensor is calibrated independently

\*Evolutive sonde





**Underwater instruments** 



## Integrable on any platforms



Operational user-friendly configuration interface





The web embedded configuration interface is compatible with all types of platforms





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

