



We come from the ocean

Multiparameter sonde *and so much more*



Digital smart sensors
Plug and unplug at will



Up to 20 water parameters
Can be measured by a sonde



Cleaning system
Proven efficiency



Light & Robust
Proven robustness



Long-lasting autonomy
Alkaline batteries



User-friendly interface
Easy to use web embedded interface



WiFi connectivity
Compatible with all platforms



Data precision
High quality standards



Easy to integrate
On buoy / USV / ROV, AUV



3G / 4G solution
And other remote communication



Underwater instruments



Key features

WiMo

4 locations



WiMo Plus

7 locations



PLUG-IN SMART SENSORS
Installable at any locations
Easy locking screw and water sealing system
Waterproof once locked



EFFICIENT BIOFOULING SYSTEM
Sensor protection cover
Smart wiper cleaning system



AUTOMATIC SENSOR RECOGNITION



MORE THAN 20 PARAMETERS AT A TIME



WIRELESS PROGRAMMING
Intuitive and easy to use web interface



TEMPERATURE AND WAVE/TIDE SONDE
Without any digital sensors



HIGH INTERNAL STORAGE CAPACITY
Flash memory and/or SD card



POINT TO POINT WIFI WITH SWITCH MAGNET ACTIVATION



DEPTH RATING UP TO 250m



RANGE OF AUTONOMOUS COMMUNICATION MODULES



STANDARD MODBUS RS232 & RS485
User-selectable



USER REPLACEABLE STANDARDS BATTERIES
Alkaline batteries or rechargeable Nimh





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



Digital smart sensor suite

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

SENSOR	RANGE	RESOLUTION	ACCURACY
Conductivity (C)	0 to 100 mS/cm	0.001 mS/cm	±0.5% of reading
Temperature (in option)	-2 to +35°C -2 to +50°C	0,001°C 0,001°C	±0.02°C ±0.05°C
Turbidity (Tbd)	0 to 4000 FNU	0.01 FNU	0.4FNU or ±5% of reading
Oxygen concentration	Optimum: 0-22mg/L Maximum: 0-44 mg/L	0.025 mg/L	±0.1 mg/L of reading
Oxygen saturation	Optimum: 0-250% Maximum: 0-500%	0.05%	±1% of reading
pH	0-14 pH units	0.01 pH unit	±0.1 pH unit
Fluorescence (Fluo) Chlorophyll A	0 to 500 µg/L	0.3 µg/L	Linearity: $r^2 > 0.99$
Fluorescence (Fluo) Phycocyanin	0 to 4500 ppb PC	2 ppb PC	Linearity: $0.99 r^2$
Fluorescence (Fluo) Phycoerythrin	0 to 750 ppb PE	0.1 ppb PE	Linearity: $0.99 r^2$
CDOM fDOM	0 to 1000 ppb	0.1 ppb	Linearity: $0.99 r^2$
CALCULATED PARAMETERS	RANGE	RESOLUTION	ACCURACY
Chloride	0 to 18000 mg/L-Cl	0.01 mg/L	±15% of reading or ±5 mg/L-Cl
Depth	0 to 250 m	0.001 m	0,15% FS
Salinity	2-42 PSU	< 0,001	0.1 PSU or 1% of reading
Sound velocity	1300-1700 m/s	Not specified	0.001 m/s
Specific conductivity	0 to 100 mS/cm	0.001, 0.01, 0.1 mS/cm	±0.5% of reading
Total dissolved solids	0 to 100,000 mg/L	Not specified	Variable

*Real smart interchangeable sensors: each sensor is calibrated independently



Versatility and ease of use

Underwater instruments

**Sea environment
monitoring**

**Fresh water application
and profiles recording**



Integrable on any platforms



Operational user-friendly configuration interface



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



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