



*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

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



## Digital smart sensor suite

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

SENSOR	RANGE	ACCURACY	RESOLUTION
<b>Conductivity (C)</b>	0 to 100 mS/cm	±0.5% of reading	0.001 mS/cm
<b>Temperature</b>	-2 to +35°C -2 to +50°C (in option)	±0.02°C ±0.05°C	0,001°C 0,001°C
<b>Turbidity (Tbd)</b>	0 to 4000 FNU	0.4FNU or ±5% of reading	0.01 FNU
<b>Oxygen concentration</b>	0-22mg/L	±0.1 mg/L of reading	0.025 mg/L
<b>Oxygen saturation</b>	0-250%	±1% of reading	0.05%
<b>pH</b>	0-14 pH units	±0.1 pH unit	0.01 pH unit
<b>Fluorescence (Fluo)</b>			
<b>Chlorophyll A</b>	0 to 500 µg/L	Linearity: $r^2 > 0.99$ $r^2$	0.3 µg/L
<b>Phycocyanin</b>	0 to 4500 ppb PC	Linearity: $r^2 > 0.99$ $r^2$	2 ppb PC
<b>Phycoerythrin</b>	0 to 750 ppb PE	Linearity: $r^2 > 0.99$ $r^2$	0.1 ppb PE
<b>CDOM fDOM</b>	0 to 1000 ppb 0 to 3000 ppb	Linearity: $r^2 > 0.99$ $r^2$	0.1 ppb 0.5 ppb

CALCULATED PARAMETERS	RANGE	ACCURACY	RESOLUTION
<b>Chloride</b>	0 to 18000 mg/L-Cl	±15% of reading or ±5	0.01 mg/L
<b>Depth</b>	0 to 250 m	0,15% FS	0.001 m
<b>Salinity</b>	2-42 PSU	0.1 PSU or 1% of reading	< 0.001
<b>Sound velocity</b>	1300-1700 m/s	0.001 m/s	Not specified
<b>Specific conductivity</b>	0 to 100 mS/cm	±0.5% of reading	0.001, 0.01, 0.1 mS/cm
<b>Total dissolved solids</b>	0 to 100.000 mg/L	Variable	Not specified

\*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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