



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 Flash memory: 15 Mo 500,000 measures (without ZIP) SD card available on request Battery: Alkaline bateries	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	ACCURACY	RESOLUTION
Temperature	-2 to +35°C	±0.7°C	0.05°C
Water Pressure	0 to 25 bars	0.15%	0.001 bar

SENSOR	RANGE	ACCURACY	RESOLUTION
Conductivity (C)	0 to 100 mS/cm	±0.5% of reading	0.001 mS/cm
Temperature	-2 to +35°C -2 to +50°C (in option)	±0.02°C ±0.05°C	0,001°C 0,001°C
Turbidity (Tbd)	0 to 4000 FNU	0.4FNU or ±5% of reading	0.01 FNU
Oxygen concentration	0-23mg/L	±0.1 mg/L	0.025 mg/L
Oxygen saturation	0-250%	±1% of reading	0.05%
pH	0-14 pH units	±0.1 pH unit	0.01 pH unit
Fluorescence (Fluo) Chl-a Chlorophyll A	0 to 500 µg/L	Linearity: $r^2 > 0.99$ r^2	0.03 µg/L
Fluorescence (Fluo) PC Phycocyanin	0 to 4500 ppb PC	Linearity: $r^2 > 0.99$ r^2	2 ppb PC
Fluorescence (Fluo) PE Phycoerythrin	0 to 750 ppb PE	Linearity: $r^2 > 0.99$ r^2	0.1 ppb PE
CDOM fDOM	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
Chloride	0 to 18000 mg/L-Cl	±15% of reading or ±5 mg/L-Cl	0.01 mg/L
Depth	0 to 250 m	0,15% FS	0.001 m
Salinity	2-42 PSU	0.1 PSU or 1% of reading	< 0.001
Sound velocity	1300-1700 m/s	0.001 m/s	Not specified
Specific conductivity	0 to 100 mS/cm	±0.5% of reading	0.001, 0.01, 0.1 mS/cm
Total dissolved solids	0 to 100,000 mg/L	Variable	Not specified

*Real smart interchangeable sensors: each sensor is calibrated independently



Underwater instruments



Versatility and ease of use

**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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