



Environmental Multiparameter probe SW7000 PRO

APPLICATIONS

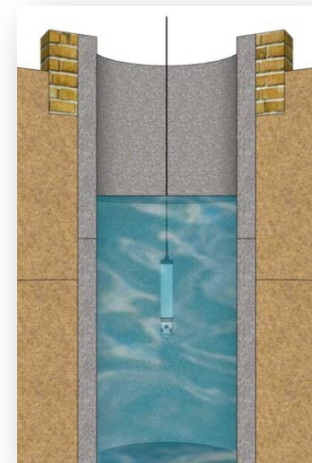
- Environmental monitoring
- Underground water
- Rivers, lakes, open sea
- Wastewater Processing
- Supervision fish farms
- Depth profile analysis
- Many others...

KEY BENEFITS

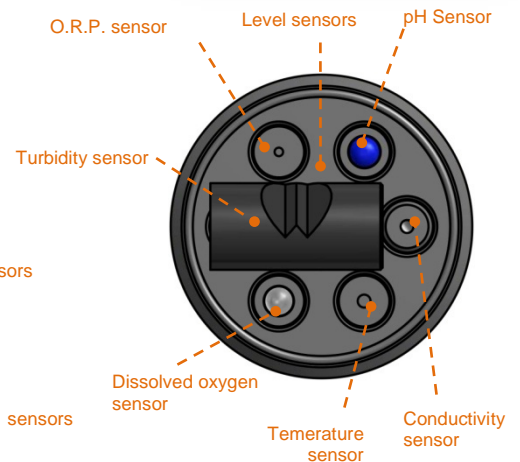
- Easy installation
- Up to 7 types of parameters
- Working depth 350 m.
- Quick sensor replacement
- Internal or external power supply
- Extensive range of models

ACCESSORIES

- Cabling of different lengths.
- Watertight connection box.
- Mounts to wall or mast.
- IP68 military-type connectors.
- Clamping flanges, etc..



Application example in a well



Environmental Multiparameter Probe PRO SW7000 is ideal for continuous monitoring without monitoring parameters related to water quality, environmental and industrial applications Control.

A system analysis of water quality ready for use in the field.

A next-generation technological solution for environmental protection.

Sensor fully compatible with different sensor stations **SmartyPlanet**. The display of sensor data in the client's website is immediate, without complicated configurations



Construcción mecánica

Interface	RS485
Probe ID	0/32
Power supply	External 9-14 VDC, 40-25 mA
Operating pressure	3 bar máx.
Material	PVC/ 316 s.steel
Length	510 mm máx.
Diameter	70 mm
Weight	3 kg
Cable length	30 m



pH sensor

Scale	-2,000/16,000 pH
Resolution	0,001 pH
Zero Adjust	±2,000 pH
Sensitivity	80 % - 110%
Buffer solution auto recognized	BDH 4,00/7,00/9,00 pH



O.R.P. Sensor

Scale	-1100,0 / 1100,0 mV
Resolution	0,1 mV
Zero Adjust	±100,00 mV
Sensitivity	80% - 110 %
Buffer solution auto recognized	Mettler 220 mV / 468 mV



Dissolved oxygen sensor

Measuring units	mm Hg, %aire, ppm, mg/L
mm Hg	Scale: 0,00 mm Hg Resolution: 0,01 mm Hg
%air	Scale : 0,00/ 200,00 %air Resolution : 0,01 %aire
ppm	Scale : 0,000/20,000 ppm Resolution : 0,001 ppm
mg/L	Scale : 0,000/20,000mg/L Resolution : 0,001 mg/L
Zero Adjust	±60,0 nA
Sensitivity	60% - 170%
Barometric pressure	500/800 mm Hg
Saltiness	0/ 60,000 ppm(chloride)
RH	0/100%



Conductivity sensor

Scale	6,000 / 60,000 mS
Automatic Range	On/Off
Scale 6,000 mS	Resolution : 0,001 mS Zero: ±0,600 mS
Scale 60,000 mS	Resolution : 0,001 mS Zero: ±6,000 mS
Sensitivity	60% - 160%
Coefficient ATC	0,00 / 3,50 %
Reference temperature	10 / 30 °C
Buffer solution auto recognized	1,000 / 2,000 / 10,00 / 20,00 mS



Level sensor

Scale	2bar
Range	0,000 / 20,000 m
Resolution	0,001 m
Zero Adjust	±2,000m
Sensitivity	65% - 135%



Temperature sensor

Scale	-5,00 / +55,00 °C
Resolution	0,01 °C
Zero Adjust	±2,000 m
Range	-5,00 / +55,00 °C



Turbidity sensor

Scales	4,000/ 40,0 / 400,0 / 4000NTU
Optical source	Infrared lamp (ISO 7027) or tungsten lamp solid state (USEPA180.1)
Diagnostic	Control empty cell or dirty lens.
Self-cleaning	External source of compressed air, max. 3 BAR
Cable length	Estandard10 m o 30 m (optional 100 m)



Specific ion sensors

Electrode ISE	Chlorides, fluorides, calcium, hardness, ammonium, nitrates.
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