



APPLICATIONS

- Environmental monitoring.
- Groundwater monitoring.
- Water treatment plants.
- Piezometric tubes installation.

KEY FEATURES

- Up to 5 measurement parameters.
- 20m maximum depth.
- Easy replacement of the sensors.
- External or internal power supply.
- Easy installation.
- Compatible with Smartyplanet.

SPS8345 Probe for measurement of five parameters



The *SPS8345* multiparameter probe is the ideal solution for measuring different parameters related to water quality.

Its most outstanding applications are environmental monitoring, groundwater monitoring and wastewater treatment, among others.

This probe can incorporate up to 5 sensors. These sensors measure the following water parameters: level, temperature, electrical conductivity, pH, redox and ionization.

The measured data are recorded and analyzed by the **Smartyplanet web platform** which is fully compatible.

The multiparameter probe has a simple installation and the sensors are easily replaced.

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Sensors	
Level	0/20.000 m with diferencial sensor
Temperature	-5.00/+55.00 °C
Temperature coefficient	0/3.50 %/°C
Temperature reference	10/30 °C
Conductivity	0/6.000 mS autorange 0/60.000 mS
pH	0/14.000 pH
Redox	± 1100.0 mV optional
Ion selective electrodes	Optional

Mechanical features	
Power supply	External 9/14 VDC – 60 mA
Interface	RS485 ASCII Protocol
Data acquisition	Time range Level range
Diameter	44,5 mm
Maximum depth	20 m
Probe identification	0 / 32



Plug and play Installation

The design of this Station allows his installation under the concept 'to plug and play'. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.



Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.



Better relation Cost - benefit

The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.



Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.



Sensors Networks

The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future



Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.