

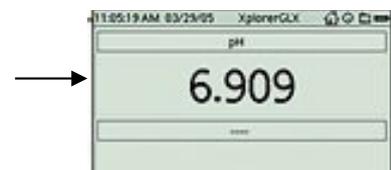
## Field studies - Monitoring physical factors

**Environmental studies** require us to measure the **physical factors** (parameters) in the environment that may influence the abundance and distribution of organisms.

Xplorer GLX is a **datalogger**. It is an electronic instrument that records measurements over time. Different sensors are employed to measure a range of **variables** in water and we can **measure** various **parameters** to determine overall water conditions and water quality. It makes **data collection** quick and **accurate**.

### Xplorer GLX Graphing Datalogger

Temperature probe



Connect the **sensors** to one of the sensor ports on the top of the GLX.

Example: **dissolved oxygen meter** measures the amount of oxygen dissolved in water (expressed as  $\text{mg.l}^{-1}$ )



**To learn more:**

[http://www.pascophysics.com/featured-products/xplorer-glx/page\\_3.cfm](http://www.pascophysics.com/featured-products/xplorer-glx/page_3.cfm) (videos)

SORDALAB, 15 Avenue des grenots, 91150 ETAMPES, FRANCE

**Téléphone :** 00.33.(0)1.69.92.26.72 **Fax :** 00.33.(0)1.69.92.26.74

**Courriel :** [sordalab@wanadoo.fr](mailto:sordalab@wanadoo.fr)