

# Cefas Water Sampler

Product leaflet



## Cefas water sampler

- ▶ **Compact design**
- ▶ **Up to 16 bag capacity**
- ▶ **Multiple bag size options**
- ▶ **System purge prior to sampling**
- ▶ **Flexible programming via a Windows software**
- ▶ **Ease of maintenance**
- ▶ **Up to 20m operational depth**
- ▶ **Dimensions (in CPR frame)**  
40cm x 20cm x 18cm  
(length x width x height)

## Overview

Our Cefas Water Sampler is a result of many years experience in ocean monitoring at Cefas. It has been developed by our in-house Technology team in close conjunction with the Environmental Scientists. With this combination of technical expertise and scientific experience the product meets the needs of scientists involved with innovative means of remote water sampling.

## Cefas Water Sampler

The Cefas Water Sampler is a technologically advanced product that was originally designed for use with a continuous plankton recorder (CPR), where aquatic biologists are interested in species of organisms. With respect to phytoplankton, chlorophyll fluorescence may give an indication of total phytoplankton abundance but gives no indication of species present. This may be important where some species are toxic. The water sampler can be programmed to take samples that are coincident with fluorescence measurement by separate instruments to ground truth these measurements. As such, a key feature is the compact design of the water sampler allowing it to be fitted to a CPR.

Having been successfully deployed and further enhanced it now offers capability for remote control sampling through an Iridium satellite interface, allowing the user to activate sampling from their desk via PC software anywhere around the world. This provides a feature that could be appealing to any user needing to sample a remote environment without the need for regular on-site attendance. In this configuration the water sampler can be used to capture water contaminants.

## Contact us

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