

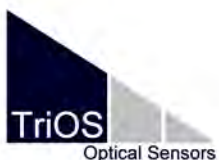
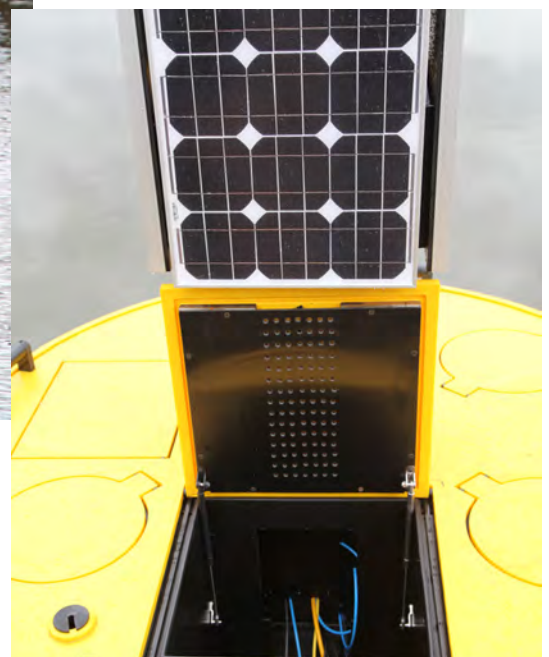
Buoy-150



Buoy-150 is a modern state-of-the-art buoy system for environmental monitoring of water quality in lakes, reservoirs or rivers. Flexibility, robustness, easy servicing access and protection for vandalism have been the main driving forces during the development of **Buoy-150**.

Beside solar power, the **Buoy-150** can be equipped with fuel cells (using a dual cartridge) for operations in areas of low sunshine or in applications with higher power consumption.

All sensors, batteries, controller, cables, etc are protected mounted inside the **Buoy-150**.



- modular concept
- solar panels and/or fuel cell
- service friendly
- wide range of accessories

Buoy-150



fuel cell and storage

battery and controller

3 sensor ports



methanol storage for fuel cell operation

Key features

material	PE, UV stabilized filled with PUR foam unsinkable
diameter	approx. 170 cm
weight	approx. 300 kg
power options	12 VDC battery 38 Ah 4x solar panels (30Wp/each)) fuel cell with 2x 10L methanol (dual cartridge)
options	lantern with solarpanel (independent powered) weather station airblast cleaning



One of the 3 possible flexible sensor mountings