

Deep UV Optics for C3 Submersible Fluorometer



Turner Designs offers a Deep UV Optical Kit for their C3 Submersible Fluorometer which enables detection of refined oils and fuels. Recent developments in LED technology allow for excitation wavelengths down to 260nm. Using BTEX as the standard, the C3 is able to detect as low as 0.1ppm over a dynamic range >2500ppm.

The C3 Submersible Fluorometer is designed to incorporate up to three optical sensors, temperature and depth. Sensors can be selected to detect in vivo Chlorophyll a, blue green algae, rhodamine WT dye, fluorescein dye, crude oil, CDOM, optical brighteners, and now also refined fuels. Turbidity sensors are also available.

<https://www.hydro-international.com/content/news/deep-uv-optics-for-c3-submersible-fluorometer-2>
