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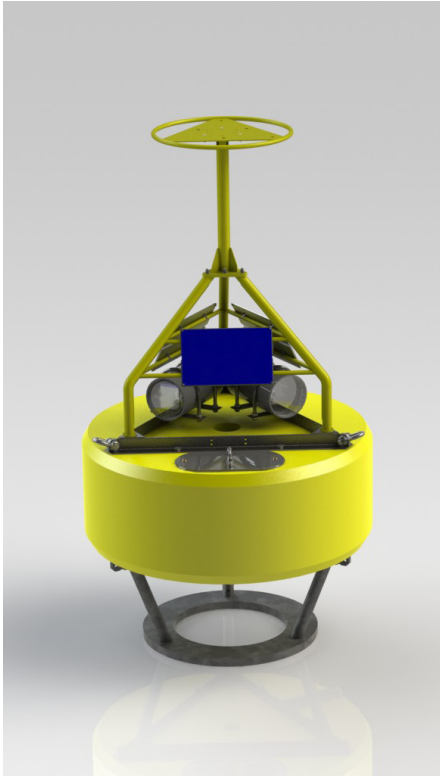


EMM2.0 Coastal Monitoring Buoy

Scalable coastal monitoring platform

The YSI EMM2.0 is one of the most versatile and reliable buoy solutions on the market. These buoys have been deployed with wet-chemistry nutrient and metal analyzers, current meters, water quality monitors, GPS, atmospheric sensors, wave sensors, hydrocarbon sensors, and more.

The stable platform can be easily customized to maximize instrumentation on a single monitoring platform. Adding satellite, radio, or cellular telemetry provides data to a custom visual display, making it easy for researchers and operators alike to receive critical data on a daily basis.



Features include:

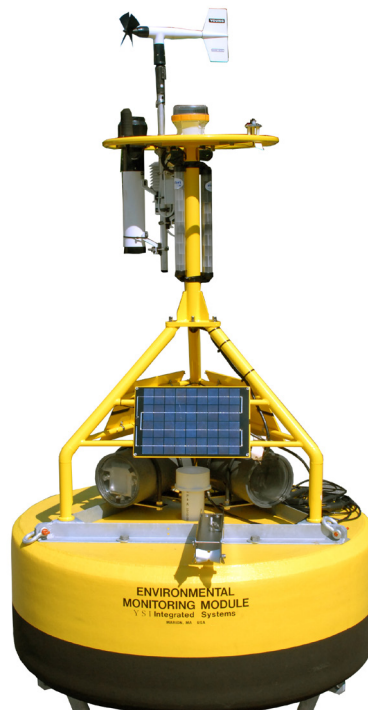
- Virtually indestructible buoy hull survives impact, ice, punctures, and vandalism
- Uniform color doesn't require regular maintenance
- Through-hull penetration for monitoring equipment makes routine servicing simple, fast, and secure
- Standard configurations available with short lead time
- YSI manufactures buoy, instruments, and loggers for a complete, integrated solution
- Customizable with third-party sensors

Custom systems available

Contact YSI's Integrated Systems & Services division to discuss your specific monitoring application. We offer a variety of buoy platforms which can be

Pure
Data for a
Healthy
Planet.®

Buoy for long-term monitoring in bays, estuaries, and the continental shelf



*YSI buoys are made with marine-rated materials for years of operation.
Above: Pressure cases made with non-corrosive materials and submersible connectors.*

The scalable buoy can accommodate multiple instruments.



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To order, or for more information, contact YSI Integrated Systems & Services

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ISO 9001

ISO 14001

(Yellow Springs, OH, USA)

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EMM2.0 Coastal Monitoring Buoy Specifications

Hull		4 PCF Softlite® ionomer foam body
	Weight Displacement	365 lbs. gross hull 3800 lbs.
Shape		Chine cut shallow disc
Metal		6061 aluminum; deck structure and base is galvanized steel; isolation bushings between dissimilar metals
Dimensions	Hull Height	1.8m diameter 328 cm
Weight		1700 lbs.
Mooring Attachment		4-point
Tower		6061 Aluminum, powder coated, marine grade
Counterweight		Galvanized Steel
Solar Power		3 x 24W, angled at 27°, upgradeable
Battery		12V, 66 A-hr



SonTek, a YSI subsidiary, offers a variety of current and wave monitoring options. Above: An economical set-up for monitoring current and waves from the sea floor. This solution is cabled to the surface.

Right: A buoy-mounted mooring cage allows the measurement of currents without long electromechanical cables and multipoint moorings.

