



EMM2000 Coastal Monitoring Buoy

Scalable coastal monitoring platform

The YSI EMM2000 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.

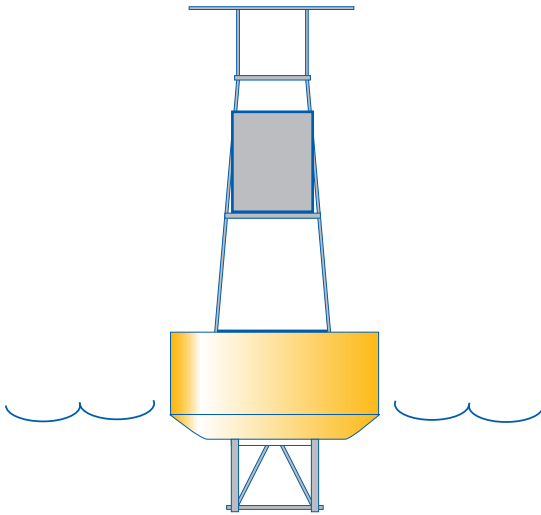
The stable platform can be easily customized to maximize instrumentation on a single monitoring platform. Adding satellite, radio, or cellular telemetry provides data to a custom visual display, making it easy for researchers and operators alike to receive critical data on a daily basis.

Features include:

- 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

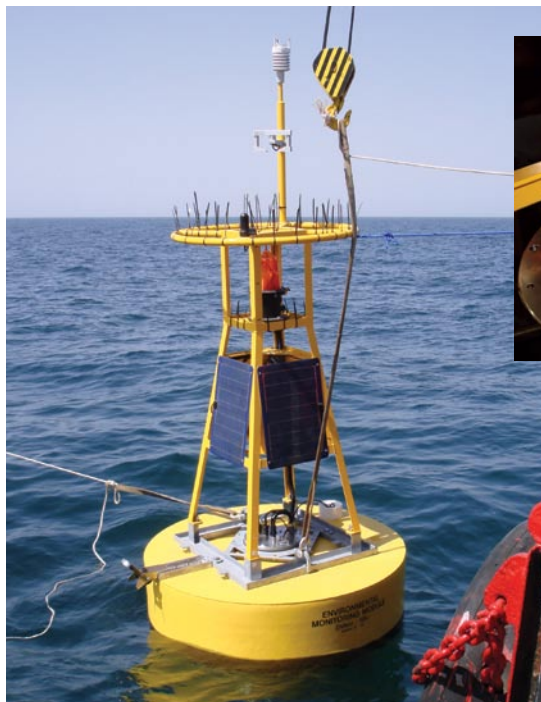
Custom systems available

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



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: Endcap made of stainless steel with submersible connectors.

The scalable buoy can accommodate 1-10 instruments.



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

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ISO 9001
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[Yellow Springs facility]

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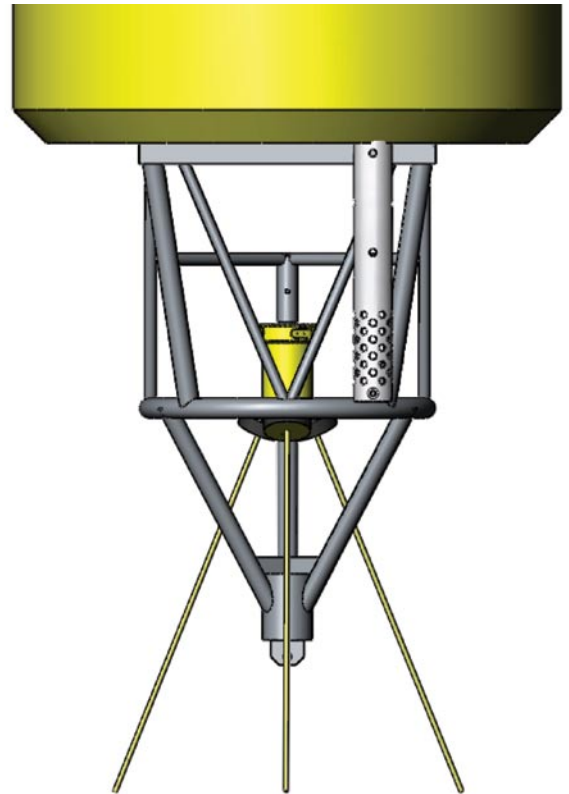
EMM2000 Coastal Monitoring Buoy Specifications

| | | |
|--------------------|---------------------|---|
| Hull | | 4 PCF Softlite® ionomer foam body |
| | Weight Displacement | 220 lbs. gross hull 2700 lbs. |
| Shape | | Chine cut shallow discus |
| Metal | | 6061 aluminum; deck structure and base is galvanized steel; isolation bushings between dissimilar metals |
| Dimensions | Hull Diameter | 66 in. diameter |
| | Height | 129 in. |
| Weight | | 675 lbs. |
| Mooring Attachment | | 4-point; 4 in. x 5 in. tabs with 1.25 in. hole |
| Antenna | | Based on radio frequency and customer requirements; priced separately |
| Beacon | | To customer specification; priced separately |
| Tower | Legs | 3 in. x 3 in. x 75 in. |
| | Top Ring | 3 in. x 3 in. x 48 in. diameter |
| Deck | Rings & Spokes | 3 in. x 3 in. |
| | Lifting Bails | 1 in. |



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.



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