

EMM150 Inshore Buoy

QUICK AND EASY ACCESS TO WATER QUALITY DATA

SPECIFICATIONS #E121



EMM150 Inshore Buoy

Durable Design. Dependable Data.

Designed for quick deployment, the **EMM150's** light weight and compact size provides a secure monitoring solution to collect data in waters that were previously out of reach. The system can be lifted into place by two people, and installed without divers—reducing deployment and maintenance costs and allowing for complete serviceability from a small boat or watercraft.

The **EMM150** supports various sensors to fit your site monitoring needs, such as a **YSI EXO2 Sonde** positioned inside the sonde tube. Multiple data delivery systems are also available to collect real-time data from any YSI sonde.

Discover the advantages of remote data delivery with the EMM150 and EXO2:



Monitor in Real-Time. User-defined alerts improve response time and notify of changing conditions as they occur.



Reduce Consumables. Match calibration and maintenance schedules to actual sensor performance.



Save Costs. Reduce maintenance costs by eliminating unnecessary trips into the field.



Deliver Data. Send data to a base station computer via cellular or radio; while the web-enabled option posts data directly to a public or private web site.

Ideal for monitoring in these applications:

- Baseline studies
- Construction and dredging
- Dye-tracing studies
- Emergency response
- Industrial sites
- Non-point source/TMDL
- Point source/discharge
- Source water
- University/research

See reverse for specifications

YSI.com/EMM150

Additional Features:

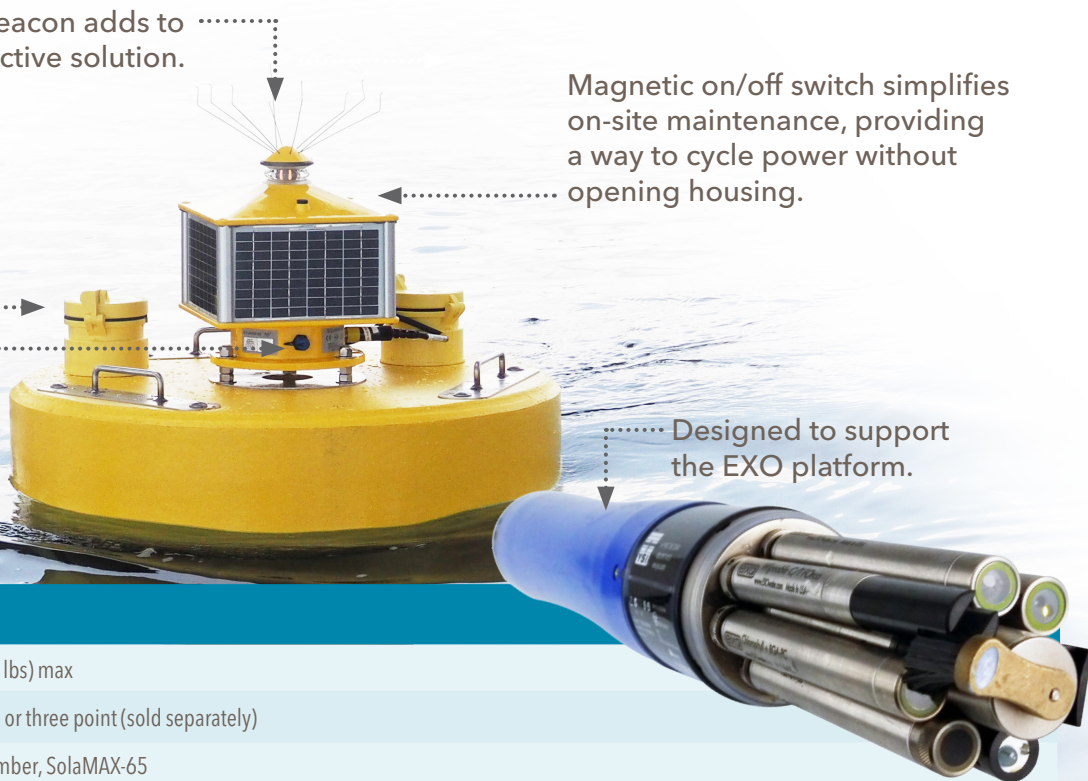
Multipurpose beacon adds to overall cost-effective solution.

Locking well caps add security while maintaining ease-of-use.

External charging port to easily maintain battery life in an indoor space

Magnetic on/off switch simplifies on-site maintenance, providing a way to cycle power without opening housing.

Designed to support the EXO platform.

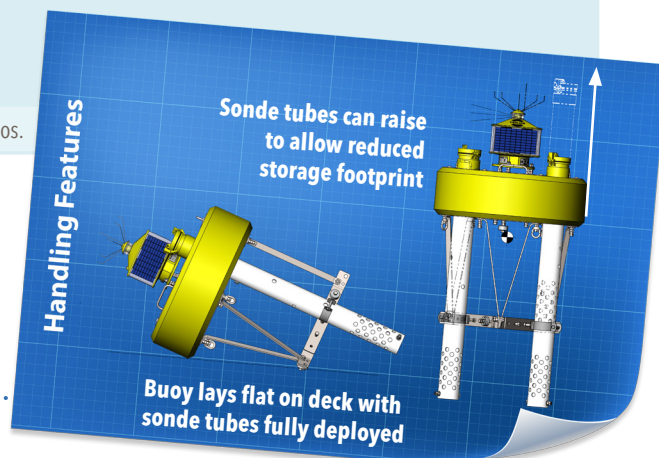


EMM150 Specifications

Weight	68 kg (150 lbs) max
Mooring	Single, two or three point (sold separately)
Beacon	Flashing amber, SolaMAX-65
Solar	Integrated 4 x 4.2W standard
Battery	Standard 12V/18Ah lead acid
Float	Impact-resistant, closed cell ionomer foam
Sonde Tube	Single or dual sub-water tubes for instrument deployment
Sensor Payload	The EXO family of environmental monitoring sondes offers a variety of Smart Sensors including: temperature, fDOM, conductivity, salinity, blue-green algae (PC & PE), chlorophyll, dissolved oxygen, ORP, pH, rhodamine, turbidity, and depth. Please visit YSI.com/EXO for more on the EXO family of sondes. The EMM150 Monitoring Buoy can also support YSI 6-series sondes and integrate with 3rd party sensors. Contact YSI Integrated Systems and Services for compatibility.
Software	One copy for base station, or web portal; priced separately
Data Logger	Pair with the YSI Storm 3 Data Logger, and easily configure and collect data using the browser-based graphical user interface with all standard web browsers on PCs, tablets and smart phones. Please visit YSI.com/storm3 for more on the Storm 3 Data Logger EMM150 is also compatible with select 3rd party data loggers. Contact YSI Integrated Systems and Services for more information.
Telemetry	Cellular (CDMA/GSM/GPRS) or point-to-point spread spectrum radios.

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. Visit ysi.com/systems for more information.



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