

# EMM700 Environmental Monitoring Buoy

DESIGNED FOR MONITORING IN MOST SURFACE WATER APPLICATIONS

The EMM700 is a robust monitoring platform which supports water quality, water velocity, meteorological sensors, and computer logging systems on a single platform. The buoy has a central electronics housing, creating a low center of mass for the most stable platform. All internal electronics may be removed by disconnecting a single internal connector, an innovative solution pioneered by YSI.

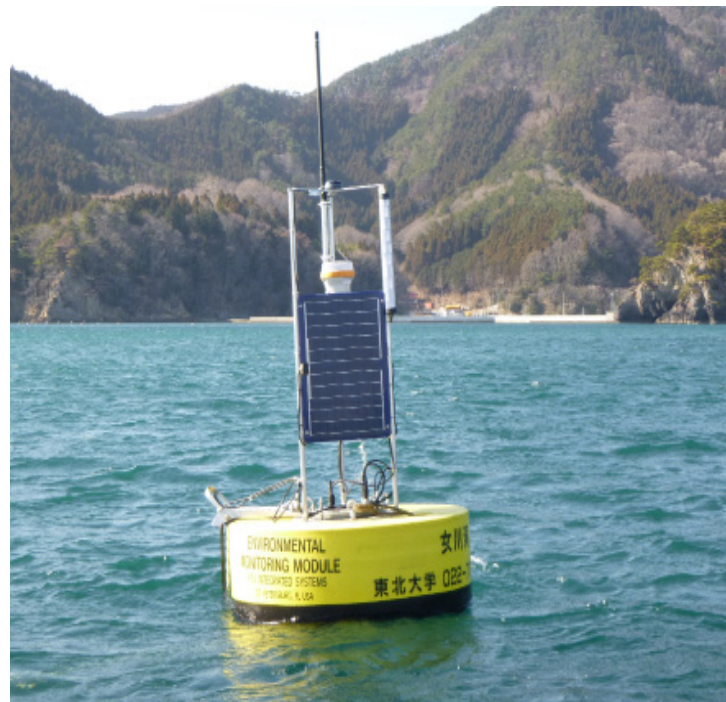
Over the past two decades these buoys have been deployed around the world and continue to provide data for our customers. The EMM700 is a proven solution that will greatly reduce the risk of failure on your next monitoring project.

## Features Include:

- YSI manufactures buoy, instruments, and loggers for complete, integrated solutions
- Customizable with third-party sensors
- Indestructible buoy hull survives impact, ice, punctures, and vandalism
- Won't warp, dent, or crack through normal use
- 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
- Single or multiple point mooring options

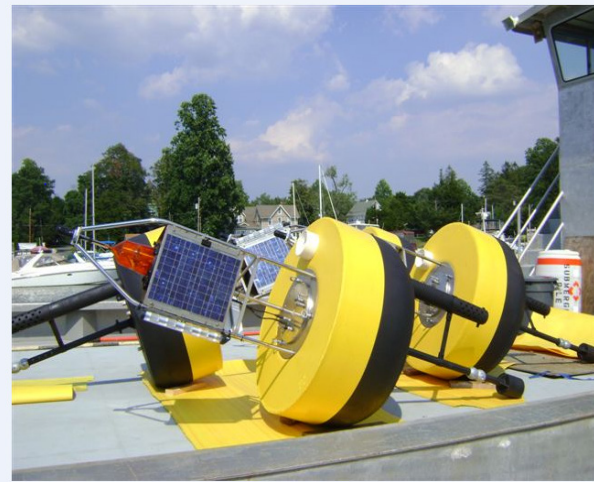
## Custom Systems Available:

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.



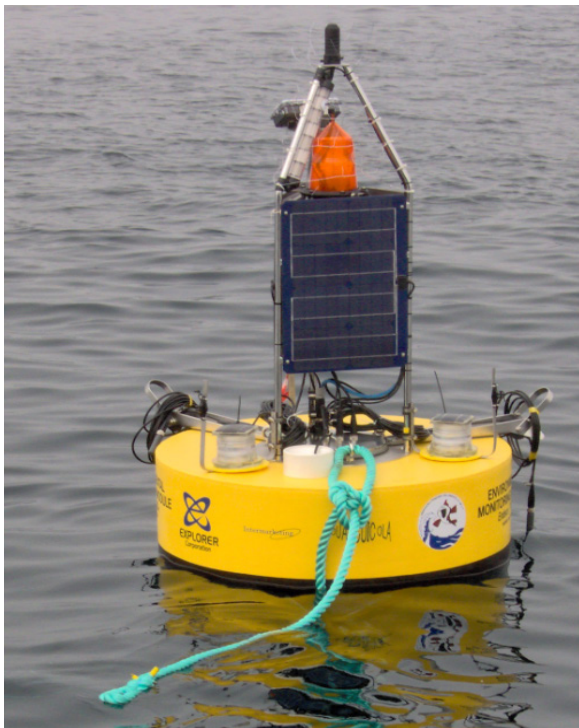
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# EMM700 Monitoring Buoy Specifications



## EMM700 Specifications

|                    |                        |                                                                                                     |
|--------------------|------------------------|-----------------------------------------------------------------------------------------------------|
| Hull               | Weight                 | 4 PCF Softlite® ionomer foam body<br>130 lbs. gross hull                                            |
| Shape              |                        | Chine cut                                                                                           |
| Metal              |                        | 304 Stainless Steel; galvanized counterweight                                                       |
| Dimensions         | Hull<br>Well<br>Height | 4 ft. diameter<br>14 in. diameter. for electronics<br>8.5 ft                                        |
| Mooring Attachment |                        | 275 lbs.                                                                                            |
| Antenna            |                        | .75 in. lopp on bottom of mooring staff                                                             |
| Beacon             |                        | Self-Contained LED, flashing amber, or flashing amber with automatic bulb danger; priced separately |
| Tripod             |                        | 304 stainless steel construction; mounting for solar panels, beacons,                               |



[www.xylem.com](http://www.xylem.com)

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YSI Integrated Systems & Services Inc.  
9843 18th Street North, Suite 1200  
St. Petersburg, FL 33716  
O: +1 727.565.2201  
[www.yssystem.com](http://www.yssystem.com)