

The robust In-Situ Buoy stands as a dependable and economical monitoring platform tailored for extended deployments of instrumentation and telemetry in diverse aquatic settings. This includes: ponds, lakes, bays, rivers, and coastal near-shore environments.

FEATURES

- Less than 35 lbs for Easy Deployment
- Reliable Saltwater and UV Resistant Materials
- Standard Shipping Size
- Fully Self-Righting Deployment
- Stabilized Roll-Resistant Design

APPLICATIONS:

- Continuous Coastal Monitoring
- Continuous Surface Water Monitoring
- Harmful Algal Bloom Monitoring
- Dredging Monitoring
- Profiling
- Source Water Monitoring



Technical Specifications

Operating Temperature	-5° to 60° C (23° to 140° F)
Storage Temperature	< 60° C (140° F)
Dimensions	<p>Float outer diameter: 53.3 cm (21 in)</p> <p>Inner diameter of well: 13 cm (5.1 in)</p> <p>Total height, collapsed (without beacon): 100.6 cm (39.6 in)</p> <p>Total height, fully extended (without beacon): 166.6 cm (65.6 in)</p> <p>Height above water line: 61 cm (24 in)</p> <p>Depth below water line: 39.6 to 105.7 cm (15.6 to 41.6 in)</p> <p>Large shackle jaw opening: 1.6 cm (.63 in)</p>
Weight	15.4kg(34lbs)
Materials	Anodized aluminum, polyethylene, polyurethane foam, nylon, 316 stainless steel, polycarbonate film, tubular nylon webbing
Net Buoyancy	32.2 kg (71 lbs)

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