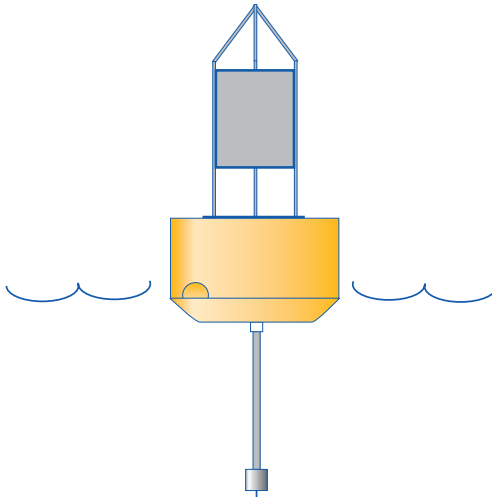




EMM550 and EMM700 Water Quality Monitoring Buoys

Designed for monitoring in most surface water applications

YSI EMM550 and EMM700 Water Quality Monitoring Buoys are designed for applications which require a full array of sensors. Their extra buoyancy supports a wide variety of instrumentation including radio, cellular or satellite telemetry hardware, data acquisition systems, meteorological sensors, and YSI's 6-Series multiparameter instrumentation.



Features include:

- Heavy-duty, lightweight foam hull withstands collisions and harsh conditions
- Submerged surfaces protected with anti-fouling paint to reduce service intervals
- All stainless steel construction prevents corrosion in fresh and saltwater conditions
- O-ring sealed, water-tight compartment protects batteries and electronics
- Mounting for antenna, solar panels, and flashing beacon

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.®

Buoys for long-term monitoring in lakes, ponds, rivers, reservoirs, and near coastal applications



Compact buoy design allows it to be easily deployed and serviced



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

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ISO 9001
ISO 14001

(Yellow Springs facility)

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Who's Minding
the Planet?®

EMM550 Water Quality Monitoring Buoy Specifications

Hull		4 PCF Softlite® ionomer foam body
	Weight Displacement	50 lbs. gross hull 550 lbs.
Shape		Chine cut
Metal		304 stainless steel; galvanized counterweight
Dimensions	Hull	3 ft. diameter
	Well	12 in. diameter, 15 in. deep
	Height	8.5 ft.
Weight		175 lbs.
Displacement		550 lbs.
Max. Buoyancy		425 lbs.
Buoyancy to Weight Ratio		3.14:1
Mooring Attachment		.75 in. loop on bottom of mooring staff
Special Characteristic		Wave-following
Antenna		Based on radio frequency and customer requirements; priced separately
Beacon		Self-contained LED, flashing amber, or flashing amber with automatic bulb changer; priced separately
Tripod		304 stainless steel construction; mounting for solar panels, beacons, and meteorological assemblies; priced separately
Deck		304 stainless steel construction; mounting for tripod

EMM700 Water Quality Monitoring Buoy Specifications

Hull		4 PCF Softlite® ionomer foam body
	Weight Displacement	50 lbs. gross hull 700 lbs.
Shape		Chine cut
Metal		304 stainless steel; galvanized counterweight
Dimensions	Hull	4 ft. diameter
	Well	12 in. diameter, 15 in. deep
	Height	8.5 ft.
Weight		275 lbs.
Displacement		700 lbs.
Max. Buoyancy		475 lbs.
Buoyancy to Weight Ratio		3.14:1
Mooring Attachment		.75 in. loop on bottom of mooring staff
Special Characteristic		Wave-following
Antenna		Based on radio frequency and customer requirements; priced separately
Beacon		Self-contained LED, flashing amber, or flashing amber with automatic bulb changer; priced separately
Tripod		304 stainless steel construction; mounting for solar panels, beacons, and meteorological assemblies; priced separately
Deck		304 stainless steel construction; mounting for tripod