Meteorological buoys

Tritonbuoys has developed a diverse selection of buoys that adhere to rigorous quality standards and boast a proven track record of reliability. Each buoy is crafted from premium UV-stabilized virgin polyethylene and filled with closed-cell polyurethane to prevent water ingress if the outer layer is damaged. This design ensures exceptional performance and long-lasting durability.

Product Code: TM MB

Tritonbuoys has the ability to customize our range of buoys to suit meteorological applications allowing for the installation of additional sensors such as water quality, turbidity, power components.

Features:

- Excellent buoyancy and stability.
- Made from multiple components.
- Double lifting and mooring eye.
- Easy assembly and installation.
- 316-grade tie in bars provide outstanding strength.

	TM MB 1200	TM MB 1500	TM MB1800	TM MB2400
General Characteristics				
Diameter	1200 mm	1500 mm	1800 mm	2400 mm
Available Colour	Green, Red, Yellow, White as per IALA recommendations; Customisation Available.			
Nominal Freeboard	415 mm	545 mm	660 mm	900 mm
Nominal Draft	475 mm	525 mm	580 mm	700 mm
Operational Buoyancy	285 kg	520 kg	840 kg	1830 kg
Monitoring Eq. Capacity	80 kg	140 kg	225 kg	400 kg
Draft, Maximum	675 mm	725 mm	900 mm	1100 kg
Freeboard, Minimum	215 mm	345 mm	340 mm	500 mm
Physical Characteristics				
Material	Rotationally- Moulded UV Stabilized Virgin Polyethylene			
Wall Thickness	9 mm	12 mm	12 mm	14 mm
Ballast (Concrete)	60 kg (Customisable)	350 kg (Customisable)	380 kg (Customisable)	600 kg (Customisable)
Filling	Closed cell Polyurethane (Density > 45kg/m^3)			
Base Buoy Height	900 mm	1070 mm	1240 mm	1600 mm
Mass (Incl.mooring rod)	145 kg (w/o mooring rod)	585 kg	650 kg	1070 kg
Certifications				
Quality Assurance	ISO9001:2015			
Warranty	3 Years**			
IP/Trademark	TRITONBUOYS® is a registered trademark			
Options Available				
Custom Configuration as per client requirements				
Top section supply & modification				

* Specifications subject to change or variation without notice
** Warranty subject to terms & conditions