Technical Data OTT Water Quality Buoy





Buoy used to measure water quality parameters

- Produkt Highlights Stand-alone water quality measurement buoy solution
- Parameters measured Temperature, Conductivity, Depth, pH, Dissolved Oxygen (LDO), Turbidity, ORP, Blue-Green Algae, Chlorophyll a
- Communication Cellular

The OTT measuring buoy is specially designed for operation in combination with the HYDROLAB HL7 or HL4 multiparameter sondes. It is equipped with a data acquisition and remote data transmission unit as well as a mains-independent solar power supply. Compared to conventional buoys, the multiparameter probe is mounted laterally in a pipe on the OTT measuring buoy. This eliminates the need to open the buoy during maintenance and calibration work, allowing tasks to be easily done from a small boat. To help reduce biofouling for longer maintenance intervals the HYDROLAB HL7 sonde is equipped with a central cleaning brush and a copper measuring cap.

| MB 1000 | |
|----------------------------------|------------------|
| Diameter | approx. 1.050 mm |
| Height of the buoy incl. radar | approx. 2.000 mm |
| reflector | |
| Total weight | approx. 180 kg |
| Construction steel plate (2 mm), | |
| hollows filled with 2K-PUR foam | |
| Standard paint yellow | |









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| Incl. lid for an easy access to the | |
|-------------------------------------|--|
| electronic | |
| Incl. 2 solar panels (12V/25W) | |
| Incl. 3 solid anchor | |

| MB 1400 | |
|-------------------------------------|---|
| Diameter | approx. 1.400 mm |
| Height of the buoy incl. radar | approx. 2.200 mm |
| reflector | |
| Total weight | approx. 360 kg |
| Construction steel plate (2 mm), | |
| hollows filled with 2K-PUR foam | |
| Standard paint yellow | |
| Incl. lid for an easy access to the | |
| electronic | |
| Incl. 3 solar panels (12V/25W) | |
| Incl. 3 solid anchor bars) | |
| Measured parameters: | Temperature, Conductivity, Depth, pH, Dissolved Oxygen (LDO), |
| | Turbidity, ORP, Blue-Green Algae, Chlorophyll a |









