

CB-40

DATA BUOY

- Water quality sonde data buoy
- Compact & affordable floating platform
- Supports a variety of instruments & sondes
- Optional 1-3 NM solar marine light
- Rugged polymer-coated foam hull

The NexSens **CB-40** Data Buoy offers a compact and affordable platform for deploying water quality sondes and other instruments that integrate power and data logging. The lightweight platform can be deployed from small boats, large vessels or even helicopters, making it the ideal choice for applications where water needs to be monitored at a moment's notice. The buoy can also be used as an underwater float and instrument housing for subsurface deployments.

The buoy is constructed of an inner core of cross-linked polyethylene foam with a tough polyurea skin and stainless steel frame. An optional 1-3 NM solar marine light mounts over the topside access hole, and three eyenuts offer a convenient lifting point. The CB-40 supports a 1, 2, or 3-point mooring via bottom bow shackle and three eyenuts. Optional accessories include chain, shackles and anchors for buoy mooring.

The **CB-40** Data Buoy weighs 38 lbs. with no payload and approximately 45 lbs. with integrated solar marine light and water quality sonde. The 4" stainless steel instrument pipe securely houses the instrument and includes slotted holes for water flow. Compatible instruments include YSI 6-Series & EXO sondes, Hydrolab Series 5 & HL sondes, Eureka Sub 2 & Manta 2 sondes, and In-Situ TROLL 9500 instruments.

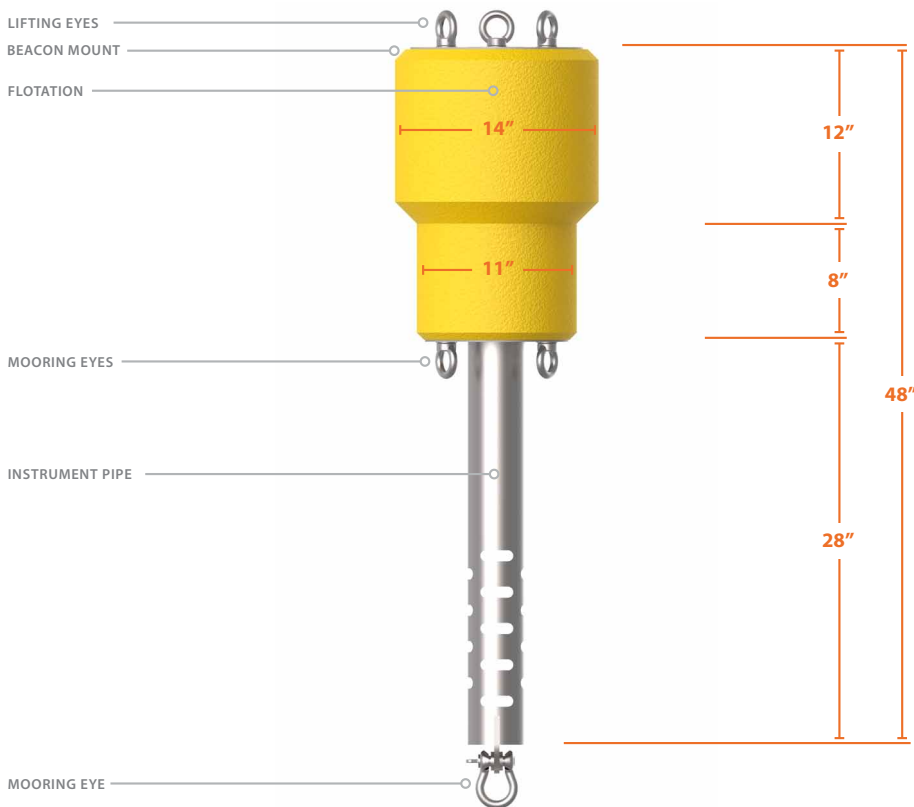


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specifications

Hull Dimensions	14" (35.56cm) outside diameter; 20" (50.80cm) tall
Instrument Pipe Dimensions	3.87" (9.83cm) inside diameter; 48" (121.92cm) tall
Weight	38 lbs. (17.24 kg) no payload; 45 lbs. (20.41 kg) with sonde and solar marine light
Buoyancy	40 lbs. (18.14 kg)
Hull Material	Cross-linked polyethylene foam with polyurea coating & stainless steel deck
Tower /Hardware Material	304 stainless steel
Mooring Attachments	1, 2, or 3 point mooring



parts list

Part #	Description
CB-40	Data buoy with polymer-coated foam hull, 40 lb. buoyancy
M550-F-Y	Solar marine light with flange mount & 1-3 nautical mile range, 15 flashes per minute, yellow



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