

# 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 **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 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.

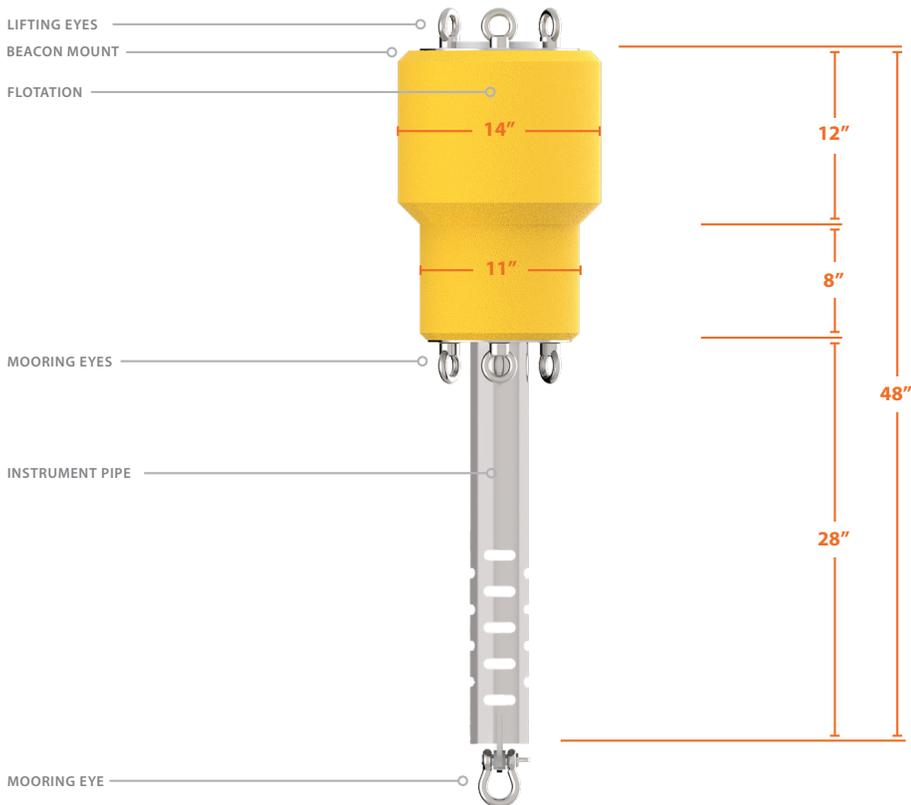
The **CB-40** Data Buoy weighs 38 lbs. with no payload and approximately 45 lbs. with integrated solar marine light and water quality sonde. The 4" stainless steel instrument pipe securely houses the instrument and includes slotted holes for water flow. Compatible instruments include YSI 6-Series & EXO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

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## specifications

Hull Outer Diameter	14.0" (35.6cm)
Hull Height	20.0" (50.8cm)
Instrument Pipe Inner Diameter	3.9" (9.83cm)
Instrument Pipe Height	48.0" (121.9cm)
Weight	38 lb (17kg)
Net Buoyancy	40 lb (18kg)
Hull Material	Cross-linked polyethylene foam with polyurea coating & stainless steel deck
Hardware Material	304 stainless steel
Mooring Attachments	3x 5/8" eyenuts



## 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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