

REMOTELY-OPERATED INSTRUMENTATION BOATS

**MAXIMIZE ADCP SURVEY EFFICIENCY**

The Oceanscience Q-Boats are the number one choice for reliable remotely-controlled acoustic Doppler current profiling in streams, rivers, lakes and coastal waters all over the world. Whether you need to reduce your survey time, keep people safe during difficult conditions, or access hard to reach locations, there is a Q-Boat to suit your survey and your budget. Mounts for all popular acoustic Doppler profilers are available as standard.

Q-BOAT 1800

The Oceanscience Q-Boat 1800P, made of high-impact UV resistant ABS, features twin high power outdrives to give a 5m/s (16fps) top speed with the security of dual motors. The precision variable speed propulsion allows effective profiling at speeds as low as 30cm/s (1.0fps), and is easy to operate in both high and low velocity conditions. Dual steering mechanisms offer added security for safe deployments. The QB-1800P provides a total solution to river discharge measurement.

Q-BOAT 1800P

The Oceanscience Q-Boat 1800D offers the same effective hull and remote control electronics as the QB-1800P, but features a single robust outdrive to give a 2m/s (7fps) top speed. Dependability is provided by the simplicity and durability of its rugged one-piece outdrive. The easy to operate QB-1800D is designed to be cost effective without sacrificing reliability, and sets a new standard in affordable remote control river discharge monitoring.

BATHYMETRY AND CUSTOM SENSOR DEPLOYMENTS

The Q-Boat 1800 is ideal for inshore bathymetric surveying using Doppler current profilers, single beam echo sounders, or deployment of water quality monitoring instrumentation. Add GPS location and data handling options such as the powerful Oceanscience OysterPE2 on-board computer or Hydrolink radio modems, to make the Q-Boat the ultimate compact survey platform.



ONLINE VIEWERS

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Q-BOAT 1800 AND 1800P SPECIFICATIONS

Both the Q-Boat-1800 and Q-Boat 1800P platforms may be customized for individual customer requirements, however the specifications of the standard boats are listed below.

	Q-BOAT SPECIFICATIONS	
	1800	1800P
Typical Cruising Speed	1.0 m/s	4 m/s
Top Speed	1.8 m/s	5 m/s
Hull Length	180 cm	180 cm
Hull Width	90 cm	90 cm
Battery Endurance - Top Speed	40 min.	45 min.
Battery Endurance - Cruising Speed	60-120 min.	45-140 min.
Payload	40 lbs	30 lbs
Power	12V NiMH Packs (1)	24V NiMH Packs (3)
Motor	Brushed DC outdrive (1)	Brushless DC outdrive (2)
Hull Material	UV Resistant ABS	UV Resistant ABS
Weight	23-25 kg	25kg
Hardware	Stainless Steel	Stainless Steel
R/C Control	Futaba 6-channel	Futaba 6-channel
Remote Antenna	Omni Directional	Omni Directional
Remote Range	750 m	750 m
Remote RF Scheme	FHSS	FHSS
Remote Frequency	2.4 GHz	2.4 GHz
ADCP Size	2" - 9" diameter	2" - 9" diameter
Depth Sounder Transducer	Internal or external mount	Internal or external mount

WARRANTY

One year on all QB-1800 components.

CONTACT INFORMATION

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