

PRODUCT CATALOG



Oil & Gas/Seismic Discovery and Exploration

Benthos hydrophones have proven invaluable in locating promising oil and gas reserves. Benthos also supplies hydrophones to research institutions where they are used for various purposes, such as listening to marine animals.





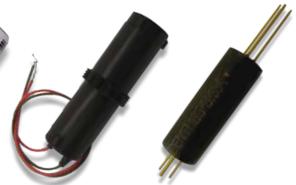


Hydrophones

HYDROPHONE ELEMENTS







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Part Number: C-460-354

Geopoint Export

Part Number: C-460-353

AQ-2000

Part Number: B-460-586

AQ-1 Part Number: C-460-190

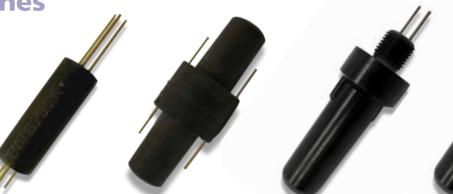
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SPECIFICATIONS	C-460-354	C-460-353	B-46U-586	C-460-190
Suggested Application	Seismic arrays	Seismic arrays, meets export restrictions	Seismic arrays, ocean bottom cables, general purpose	Seismic arrays, ocean bottom cables, general purpose
Sensitivity (dBv re 1 uPa @ 20 C)	-194	-194	-201	-201
Sensitivity (V/Bar @ 20 C)	20	20	8.9	8.9
Capacitance (nF @ 20 C)	16	16	4.5	14.5
Frequency Response (+/- 1.5 dB)	1 Hz to 1 kHz	1 Hz to 500 Hz	1 Hz to 10 kHz	1 Hz to 10 kHz
Depth (meters)	200	200 (Cutoff at 35 m maximum)	2000	1732
Length (cm)	5.1	6.5	4.6	4.5
Diameter (cm)	1.7	2.3	1.65	1.6
Weight (g)	25.0	33.0	14.0	17.3
Leads	Two AWG 26	Two AWG 26	Two AWG 28	Solder pins

REV 32612 **Teledyne Benthos** www.Benthos.com +1 508.563.1000

Hydrophones

HYDROPHONE ELEMENTS



AQ-16
Part Numbe

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AQ-4

Part Number:

RAFOS-1

Part Number:

RAFOS-2

Part Number:

SPECIFICATIONS	C-460-191	B-460-181	B-460-230-1	B-460-230-2
Suggested application	Seismic arrays, ocean bottom cables, general purpose	Seismic arrays, ocean bottom cables, general purpose	Bulkhead mount, instrument housings	Bulkhead mount, instrument housings
Sensitivity (dBv re 1 uPa @ 20 C)	-195	-201	-201	-195
Sensitivity (V/Bar @ 20 C)	17.8	8.9	8.9	17.8
Capacitance (nF @ 20 C)	3.5	2.4	14.5	3.5
Frequency Response (+/- 1.5 dB)	1 Hz to 10 kHz	1 Hz to 15 kHz	1 Hz to 10 kHz	1 Hz to 10 kHz
Depth (meters)	1732	3300	1732	1732
Length (cm)	4.5	3.3	7.0	7.0
Diameter (cm)	1.6	1.3	1.6	1.6
Weight (g)	17.3	4.0	25	25
Leads	Solder pins	Solder pins	Solder pins	Solder pins

Hydrophones

MOLDED HYDROPHONES





AQ-17

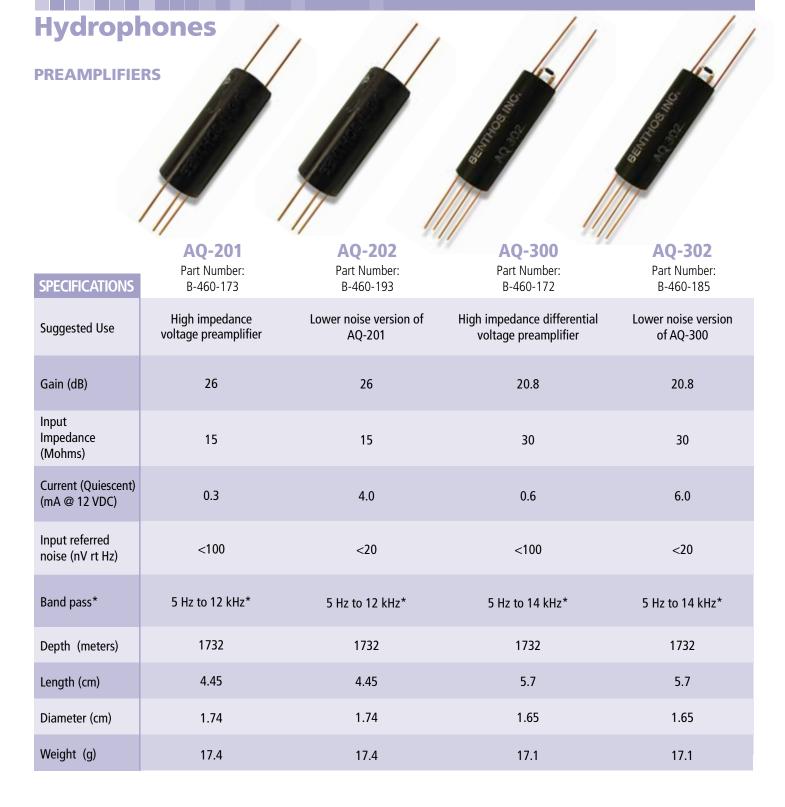
Part Number: B-460-25-1

AQ-18

Part Number: B-460-25-2

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Suggested Application	General purpose preamplified hydrophone, scientific, noise monitoring	General purpose preamplified hydrophone, scientific, noise monitoring
Sensitivity (dBv re 1 uPa @ 20 C)	-175.5	-171
Sensitivity (V/Bar @ 20 C)	168	282
Capacitance (nF @ 20 C)	N/A	N/A
Frequency Response (+/- 1.5 dB)	5 Hz to 10 kHz	7 Hz to 10 kHz
Depth (meters)	1732	1732
Length (cm)	15.6	15.6
Diameter (cm)	2.54	2.54
Weight (g)	N/A	N/A
Leads	Two conductor, shielded cable - 25 ft	Two conductor, shielded cable - 25 ft



Other options and configurations available. Please call for details. *Typical (Depends on Hydrophone Element)

REV 32612



Terms & Conditions

Seller's Offer, and any order issued by Buyer to Seller for the goods and/or services specified herein, is strictly limited to Seller's Terms and Conditions of Sale, which can be found at www.benthos.com





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Rev 32612