

**HTI STANDARD HYDROPHONE COMPARISON CHART**

Hyrophone Model	HTI-90-U	HTI-92-WB	HTI-94-SSQ	HTI-96-MIN	HTI-97-DA	HTI-99-HF	HTI-99-UHF	HTI-15-MINHP
Sensitivity (dB re:1V/uPa)	-186 (series conf)	-180	-198	-201	-193	-204	-210	-201
Without Preamp:	-198 (parallel conf)							
Max Frequency Response	2Hz - 20KHz	2Hz - 50KHz	2Hz - 30KHz	2Hz - 30KHz	2Hz - 20KHz	2Hz - 125KHz	2Hz - 250KHz	2Hz - 30KHz
Element Capacitance	800pF (series) 12.8nF (parallel)	150pF	3.2nF	10nF	3.6nF	3.6nF	2.5nF	10nF
Operational Depth	6900 meters	1000 meters	6900 meters	3050 meters	2750 meters	2000 meters	2000 meters	6000 meters
Exportable Operational Depth		1000 meters		500 meters	900m +/-50m			
Preamp Types Available	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)
(see website for specifications)	Current (2wire)	Current (2wire)	Current (2wire)	Current (2wire)	Current (2wire)	Current (2wire)	Current (2wire)	Current (2wire)
	Differential (4 wire)	Differential (4 wire)	Differential (4 wire)		Differential (4 wire)	Differential (4 wire)	Differential (4 wire)	
Standard Size	1.5 X 4	1.5 x 4	1.25 X 1.5	0.75 X 2.5	1.0 X 2.88	1.0 X 3	1.0 X 3	0.75 X 3
(Diameter X Length in Inches)								

**HTI STANDARD DOWNHOLE/BOREHOLE COMPARISON CHART**

Hyrophone Model	HTI-02-DHPC	HTI-02-DHPC/G	HTI-05-DHPC	HTI-14-DHPC
Sensitivity (dB re:1V/uPa)	-201	-201	-197	-196
Without Preamp:				
Max Frequency Response	1Hz - 30KHz	1Hz - 30KHz	1Hz - 20KHz	1Hz - 5KHz
Element Capacitance	10nF	10nF	1.5nF	1nF
Maximum Operating Temp	0 to 200 deg C	0 to 150 deg C	0 to 150 deg C	0 to 175 deg C
Maximum Operating Pressure	30,000 psi	30,000 psi	30,000 psi	30,000 psi
Preamp Types Available	Voltage (3 wire)	Voltage (3 wire)	Voltage (3 wire)	N/A
(see website for specifications)	Current (2wire)	Current (2wire)	Current (2wire)	
Standard Size				
(Diameter X Length in Inches)				

Conversion from dB re: 1V/uPa to Volts/Bar =  $(10^{(Sensitivity\ in\ dB + 220)/20})$