



# APPLIED ACOUSTICS

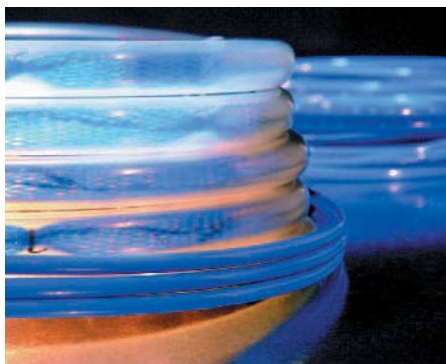
Underwater Technology



## : Technical Specification

### Streamer Hydrophones

High quality streamer hydrophones available as 1-8, 12 or 20 element designs. Each is supplied with a pre-amplifier and connectors for standard seismic acquisition systems.



STREAMER HYDROPHONES

#### Key Features

- : Filled with Isopar-M for neutral buoyancy.
- : Supplied with robust 50m tow leader as standard.
- : Complete with pre-amp and easily replaceable alkaline battery.
- : Extensively field proven for consistently high quality results.
- : In addition to standard models, customised units with grouped elements can be supplied.

### PHYSICAL SPECIFICATION

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Hydrophone Length	4.5 metres as standard
Hydrophone Diameter	25mm
Hydrophone Element Spacing	8 element variant, 365mm 12 element variant, 250mm 20 element variant, 150mm
Weight in Air (1 element)	5 kg
Weight in Air (8 element)	5 kg
Weight in Air (12 element)	6 kg
Weight in Air (20 element)	7.5 kg
Depth Rating	10 metres
Tow leader cable	50 metres, or length of choice

### ELECTRICAL SPECIFICATION

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Frequency Response (std)	145 Hz – 7 kHz (-3dB)
Overall Hydrophone Sensitivity (1 element)	194dB ref 1v per $\mu$ Pa
Overall Hydrophone Sensitivity (8 element)	176dB ref 1v per $\mu$ Pa
Overall Hydrophone Sensitivity (12 element)	163dB ref 1v per $\mu$ Pa
Overall Hydrophone Sensitivity (20 element)	167dB ref 1v per $\mu$ Pa
Supplied with user replaceable 9v alkaline battery (Duracell type MN 1604)	



## Sea and Land Technologies Pte Ltd

65 Tuas Avenue 1, Singapore 639508  
Tel: +(65) 6518 0777 Fax: +(65) 6563 0366  
enquiry@sea-landtech.com.sg  
<http://www.sea-landtech.com.sg>



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