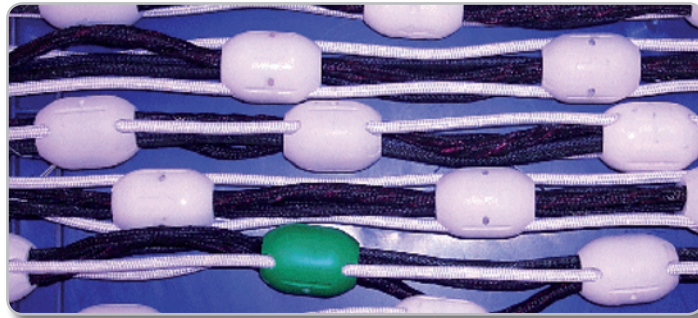




## Seismic Streamer | High Resolution 24 to 96 Channel Analog Streamer

- **High Resolution Streamer Ideal for Near Surface Seismic Surveys.**
- **Utilises Seamap's Low Noise SM008 Pre-amplifier with Integral Lo-cut Filter to Increase Recording Bandwidth.**
- **Available in 24 to 96 Channel Configurations.**
- **Available for Shallow or Deep Water Applications.**
- **Communication Coils available to allow use of Depth Control Birds.**
- **Optional Depth Transducers can be Installed.**



**The Seamap range of high resolution streamers are available in 24 to 96 channel configurations for shallow or deep water seismic survey applications.**

As an option, each channel of the streamer can be fitted with one of Seamap's low noise H008 preamplifiers which are pre-configured to a specified gain and low-cut filter setting, depending on the particular application. The addition of the low-cut filter in the preamp in effect allows an increase in the bandwidth of the recording system. Certain applications may not require a preamp as function may be handled in the digital recorder.

The mechanical design of the streamer incorporates industry standard innovations including Vectran™ strain members, foam filling around the

hydrophones, quick disconnect connectors and a Kevlar™ strain member in the tow-leader.

If necessary, the streamers can be supplied with power supply and patch panel modules both of which have 19" rack mount fittings and are of height 2U. Together these modules provide indication of the voltage and current supplied to the streamer and include fuses to protect the power supplies in the event of streamer damage.

The streamers can be ballasted to a required buoyancy at the factory or supplied neutrally buoyant. The longer streamers are provided with a communication coil for use with depth control birds if so required and can be fitted with optional depth transducers. The streamers are designed to interface directly with the industry standard Marine Digital Recorders such as the Delph 24 system, TTS and Geometrics. although they can be configured for other recording systems at the client's request.



# Seismic Streamer

## Specifications

|                                     |  |
|-------------------------------------|--|
| <b>Streamer</b>                     |  |
| No. of Channels                     | 24 thru 96   |
| Typical Channel Spacing             | 12.5 meters  |
| Physical Channel Length             | -  |
| Phones per Group                    | 8  |
| Phone Sensitivity                   | 20uV/uB Norminal (-194dB re V/μPa)                                   |
| Phone Mounting                      | Reticulated foam wrap  |
| Preamp Gain                         | Subject to design requirements                                       |
| Preamp Power Supply                 | + and - 12 Volts DC  |
| Lo-cut Filter Setting               | Subject to design requirements                                       |
| Phone Type                          | Benthos, Vinci or industry equivalent                                |
| Front Stretch Length                | 25 meters  |
| Optional Bird Communication Coil    | Digicourse compatible  |
| Optional Depth Transducer           | 4-20mA   |
| Coupling Connectors                 | Circular or Clam Shell 316 S.S.                                      |
| Streamer Jacket                     | Polyurethane   |
| Filling fluid                       | ISOPAR M   |
| Tail Swivel                         | 316 S.S. for rope tie-off  |
| <b>TowLeader</b>                    |  |
| Length                              | 150m   |
| Construction                        | S.S. or Kevlar™ strain member surrounded by twisted pairs conductors |
| <b>Deck Lead</b>                    |  |
| Length                              | 30m  |
| Construction                        | Twisted pair conductors with Polyurethane outer jacket               |
| <b>Patch Panel</b>                  |  |
| Display                             | Current level for each power line (if applicable)                    |
| Channel Monitoring                  | Two channels selectable  |
| Size and Weight                     | 49 x 34 x 9 cm. 3.7 Kg   |
| <b>Power Supply Unit (Optional)</b> |  |
| Display                             | Voltage level for each power line                                    |
| Size and Weight                     | 49 x 34 x 9 cm. 3.7 Kg   |
| Power Supply                        | 110 to 240 volts 50/60 Hz. 20 watts                                  |
| <b>Tool and Maintenance Kit</b>     |  |
|                                     | Spare Orings, screws etc   |
|                                     | Cable Oil fill adapter tool  |
|                                     | Skin repair patch kit  |
|                                     | Spanner wrenches for connector couplings                             |
|                                     | Spare connector parts  |



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