



EEL

Delta Sparker

Description

The Delta Sparker is our most powerful sparker available in the range and is intended for higher penetration sub-bottom profiling and thus offers a lower frequency sound pulse. Stable under tow, the frame is buoyed and is easily deployed.

As a multi-tip sparker array, the Delta can also be used in UHR multi-channel seismic surveys utilising 24 or 48 channel streamers such as during geohazard assessment, construction projects or shallow target 2D exploration.

Different sparker tips, single or multiple arrangements, can be used to increase resolution or penetration as required. The tips are easily replaceable for simple field maintenance.





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Key data

Manufacturer	Applied Acoustics
Recommended power	1500J – 12,000J
Maximum energy input	12,000J
Operating voltage	3000 – 4000 volts
HV cable type	AAE HV squid cables
Frequency range	300 Hz to 5 kHz
Penetration	800 mS achieved
Source level	226 dB typical at 6000J
Pulse length	0.3–5 mS dependant on tips and power input
Dimensions	255 x 35 x 25 cm
Weight	50 kg approx.
Material	Stainless steel
Buoyancy	2x floats
Depth of tow	Adjustable