



The **Squid 501** and **Squid 2000** sparker seismic sound sources are used for high resolution applications with low electrical power input.

The lightweight Squid 501 is used with direct attachment to a HV cable. The Squid 2000 is deployed from a catamaran, and is easily configurable for array depth, spacing and power input.

Different sparker tips can be used to increase resolution or penetration as required.

Key Features

- Squid 501 is a compact sound source affixed to high voltage cable
- Squid 2000 capable of significant penetration at 300-2000J range
- Fitted with RMK connectors as standard
- Lightweight, compact and easily deployed
- Field replaceable electrodes



Technical Specification

PHYSICAL

	Size	Weight	Connector
Squid 501	800mm (L) x 150mm (dia)	3kg	RMK 1/0
Squid 2000	1250mm (L) x 900mm (W) x 500mm (H)	40kg	RMK 1/0

ELECTRICAL INPUT

Recommended energy	Squid 501	300 – 800J/shot
	Squid 2000	600-2400J/shot
Maximum energy	Squid 501	1200J/shot
	Squid2000	2500J/shot

Squid 501, Squid 2000 Technical Specification continued...

Operating voltage	3000-4000V
Number of tip locations	Squid 501: 4 Squid 2000: 8
Maximum number of tips	Squid 501: 60 (4 x 15, black) or 120 (4 x 30, blue) Squid 2000: 120 (8 x 15, black) or 240 (8 x 30, blue)

SOUND OUTPUT

Source level	Squid 501	Typically 216dB re 1 μ Pa at 1 metre with 500J
	Squid 2000	Typically 222dB re 1 μ Pa at 1 metre with 1500J
Pulse length	Squid 501	Typically 200 μ s to 300 μ s at 500J
	Squid 2000	Typically 1ms at 1000J
		Dependent on tips and power applied

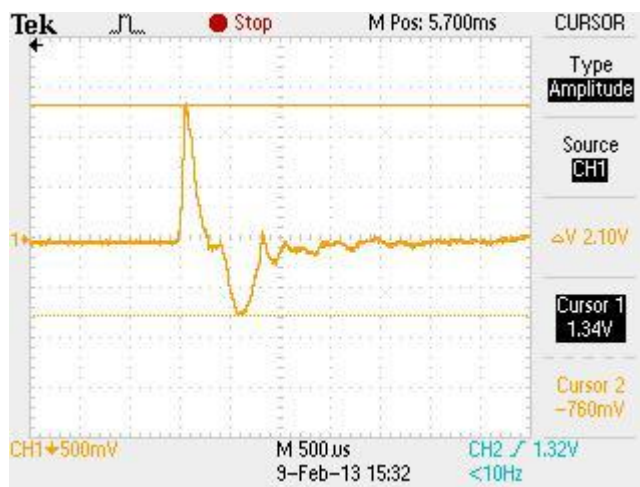
COMPATIBLE ENERGY SOURCES

Squid 501	CSP-P, CSP-D, CSP-S1250, CSP-S4000, CSP-S6000
Squid 2000	CSP-D, CSP-S1250, CSP-S4000, CSP-S6000

COMPATIBLE HV CABLES

Squid 501, Squid 2000	HVC 2000
Standard length	50m
	RMK 1/0 connectors complete with locking collars

TYPICAL PULSE SIGNATURE, SQUID 2000 at 1500J



Due to continual product improvement, specification information may be subject to change without notice.
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Applied Acoustic Engineering Ltd

T +44 (0)1493 440355
F +44 (0)1493 440720
E general@appliedacoustics.com
W www.appliedacoustics.com