



**SEISMIC DATA  
ACQUISITION**

**S I G** 

[www.marine-seismic-equipments.net](http://www.marine-seismic-equipments.net)

	<b>SPARKER 300 JOULES</b>	
	<b>SIG PULSE S1</b>	
	Dimensions :	50 x 55 x 28 cm, 38 kg
	Generator required :	3.9 kW rated, 20 A
	Input :	230 VAC, 50-60 Hz
	Output voltage :	2.3 to 4.0 kV DC
	Trigger required :	Positif 3.3-12 V, 1 ms minimum Optic fiber isolated
	Shooting rates :	100 ms @ 20 joules 330 ms @ 300 joules
	Charger :	1500 J/sec
	Energy storage :	7 + 32 $\mu$ F
	Thyristor HV switch :	6000 V / 600 A
		<b>RV300 catamaran sound source</b>
	Lead-in cable :	25 m jacketed
	Catamaran :	80 x 60 x 40 cm, 22 kg, towing rope
	<b>ANALOG STREAMER SIG 16.8.5</b>	
	Lead-in cable :	50 m jacketed
	Total length/active length :	5 m/ 3.5 m
	Nb of channels :	1
	Nb of hydronphones per channel :	8
	Group sensitivity :	-183 dB +- 1 dB re 1 $\mu$ Pa @ 15 °C
	Preamplifier gain :	32 dB
	Bandwidth :	120 Hz-2000 Hz
	<b>LASCA software application</b>	
	Acquisition settings :	Sampling frequency : 8 to 20 kHz
	Shooting rate :	50 ms to 10 s
	Input range :	$\pm$ 0.2 V, $\pm$ 1 V, $\pm$ 5 V, $\pm$ 10 V
	Recording length :	auto or user defined
	Channel selection :	1, 2 or 1+2
	Trigger :	internal or external
	Recording format :	SEG-Y
Navigation :	NMEA-0183 supported RMC, GGA, GLL	