

SEISMICSTAR II



PROPERTIES - Resistances R_{max} (Ω)

Lenght (mm)	2,0	3,0	4,0	6,0	9,0	12	15	16	25	30	40
Cu 0,5	1,0	1,1	1,3	1,7	2,3	2,9	3,4	3,6	5,3	6,3	8,2
Cu 0,6	0,8	1,0	1,1	1,4	1,8	2,2	2,5	2,7	3,9	4,5	5,9
Cu 0,8	0,7	0,8	0,9	1,0	1,2	1,5	1,7	1,8	2,4	2,8	3,5

DESCRIPTION

SEISMICSTAR II detonators are specially designed to provide the precise control that is necessary to achieve accurate seismic records from pattern shooting. The reaction time is shorter than 1 ms between application of current (minimum 6A for detonators connected in series) and firing of the detonator. In addition to their overall dependability, the detonators are easy to handle and possess excellent storage characteristics. A high level of protection from electrostatic discharge and water pressure is provided.

BENEFITS

- High initiation strength - 720 PETN / RDX base charge ensures reliable initiation of all cap sensitive explosives.
- 7.3 - millimeter diameter copper shell resists corrosive environments such as salt and brackish waters.
- No fire current of 0.45 Amperes provides additional protection from stray electric currents.
- Antistatic 100% moulded rubber sealing plug providing water tightness over extended sleep time.
- There is a minimal lag time between bridge-wire rupture and firing of the detonator. Reaction is less than 1 ms time when fired using 5 to 10 amperes DC.
- Resistant to temperature extremes from -30 to +80°C.
- Temperature stability at 75°C / 48 hours.

STANDARD TECHNICAL DESCRIPTION

Name	SEISMICSTAR II	
Detonator shell material	Copper	
Delay interval	less than 1 ms @ 5A	
Number of delay intervals	-	
Secondary charge	720 mg PETN or RDX	
Primary charge	dextrinated lead azide	
Producer's mark (shell bottom)	V and delay number	
Crimping	triple crimp	
Plug	moulded antistatic rubber	
Standard leg wires	Cu \varnothing 0,5; 0,6 and 0,8 mm	
Leg wires insulation material	High density polyethylene duplex wire	
Delay tag marking	detonator type (short title), delay #	
Electrostatic resistivity	bridge wire	5 kV/2000 pF (Cu \varnothing 0,5; 0,6; 0,8 mm; 3,5 m)
	2 leg wires / detonator shell	9 kV/2000 pF (Cu \varnothing 0,5; 3,5 m) 8 kV/2000 pF (Cu \varnothing 0,6; 0,8 mm; 3,5 m)

Bridge Wire Resistance	0,48-0,56 Ω	
No-Fire Current (NFC)	0,45 A/5 min	
All-Fire Curent - serial connection (AFC)	6 A	
No-Fire Impulse (NFI)	8,0 mJ/ Ω	
All-Fire Impulse - serial connection (AFI)	18,0 mJ/ Ω	
Water pressure resistivity	1 Mpa/6 months	
Temperature range for application	-30 $^{\circ}$ C < T < +80 $^{\circ}$ C	
Shelf live (storage conditions)	2 years (-30 $^{\circ}$ C to +40 $^{\circ}$ C)	
Transport Classification	1.4B	1.4S
UN No.	0255	0456
Official authority & alternative names	CE mark	Name
	CE 1019-002/V/2006	Seismicstar II

Import / Export Office

Mob : +90 266 245 37 96

+90 266 245 37 76

Fax : +90 266 266 13 02



Website: www.yavasclar-africa.com

Email: info@yavasclar-africa.com