

Seismic-S | SeismicStar II

PRODUCT INFORMATION BROCHURE

SEISMIC detonators are specially designed to provide the precise control that is necessary to achieve accurate seismic records from individual shots or pattern shooting.

Austin Detonator guarantees reaction time of less than 1 ms between application of current (minimum 6 A for detonators connected in series) and firing of the detonator.

A high level of protection from electrostatic discharge and water pressure is provided.



BENEFITS

- 7.3 millimetre diameter copper shell resists corrosive environments such as salt and brackish waters.
- No fire energy of 8 mJ/Ω provides additional protection from stray electric currents.
- The antistatic sealing plug provides water resistance for extended sleep time.
- Resistant to temperature extremes from -30 °C to + 80 °C (SEISMICSTAR II).



AUSTIN POWDER

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FIRING PARAMETERS

Type	Group II
Fusehead resistance	0.52 – 0.60 Ω
No fire current	0.45 A
No fire energy	8 mJ/ Ω
All fire current	1.5 A (recommended 6 A)
All fire energy in series	16 mJ/ Ω

STANDARD TECHNICAL DESCRIPTION

Detonator standard shell material	Copper
Seismic-S configuration	2x Single 0.6 Cu PVC & antistatic rubber sealing plug
SeismicStar II configuration	Duplex 0.8 Cu HDPE & moulded antistatic rubber sealing plug
Delay interval	Less than 1 ms @ 6 A
Base charge	720 mg
Water pressure resistance	1 MPa / 6 months
Temperature range for application	-30 °C < T < +80 °C
Shelf life (storage conditions)	2 years (-30 °C to 40 °C)
Label marking	Delay #, Detonator type, Delay ms, Wire length, Data matrix code (traceability)
Notified body	CE 0589

STANDARD PACKAGING DETAILS

Wire length (m)	Packaging 1.4S UN 0456
12 / 15 / 20 / 25 / 30	60
40	40

SEISMIC detonators are packaged in cardboard box of outer dimension 425x305x250 mm.

Other wire lengths are possible on demand.

Contact your local Austin Powder representative for further information.

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