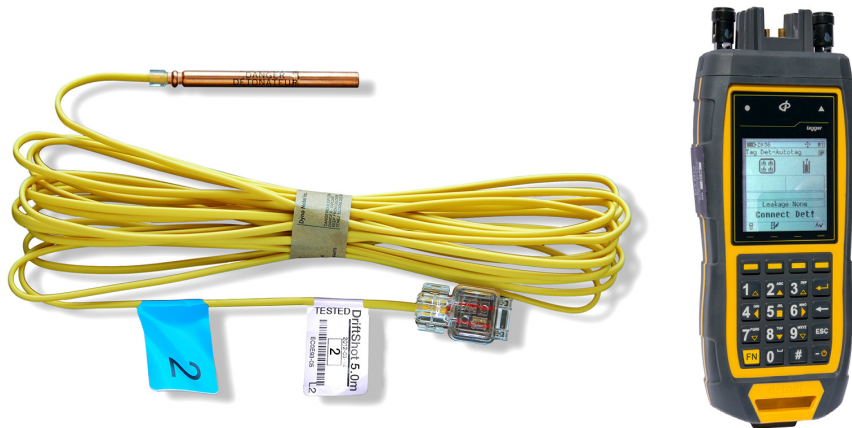




Technical Information



Electronic Initiation System



Product Description

DriftShot is Dyno Nobel's latest practical innovation in its electronic initiation system product portfolio. DriftShot enables users to achieve the accurate timing benefits from electronic initiation while mimicking the easy tie-in of NONEL®.

Customer Benefits

- The DriftShot electronic initiation system provides:
- **Electronic accuracy** enables customers to achieve a variety of benefits ranging from reduced scaling (smooth wall perimeters), reduced overbreak, more consistent fragmentation and optimized use of explosives energy.
- DriftShot requires **minimal components at the face** ... just the electronic DriftShot detonator (in the borehole) and a 2-wire busline on the face.
- All timing is automatically defined using customizable timing templates in the DriftShot BCU (Blast Control Unit) or Portable BCU. There is **NO timing design input at the face** so the loading and hookup process is user friendly and minimizes errors.
- The DriftShot Tagger automatically reads and records the detonator's delay period upon hook-up so no programming is required by the blaster.
- **Easy blast design** uses pre-numbered periods providing electronic accuracy.
- DriftShot BCUs (Blast Control Units) can fire multiple headings using up to 200 detonators per channel.

Properties

SDS #1152

Detonator Shell	Copper
Cable Color	Yellow
Tensile Strength	70 lbs / 311 N (Newtons)
System Operating Temperature (range)	-20° to +50°C -4° to +122°F
Detonator Strength	#12
Net Explosive Quantity (per 100 units)	0.1000 kg / 0.2205 lbs
Maximum Delay	20,000 ms
Maximum Detonators per Channel	200
Maximum Surface Wire Length	2.5 km / 1.55 mi

Packaging

Length (m)		Case Quantity	Part Number**	Case Weight	
Meters*	Feet			kg	lbs
5	16	90	DR4XX016	9.1	20.1
7	23	80	DR4XX023	10.0	22.1
10	33	45	DR4XX033	8.5	18.7

*Length rounded to nearest whole meter. Additional lengths are available. Please contact your Dyno Nobel representative for guidance.

** Period number 00-18 replaces XX in the part number.

Hazardous Shipping Description

Detonator, electric, 1.4B, UN 00255 PG II



- With safety always Dyno Nobel's #1 priority, DriftShot detonators are all rugged and water resistant. They are ESD Resistant, RF Resistant, Cable Abrasion & Cutting Resistant and meet CEN TS 13763-27, the European Standards of Compliance for Electronic Detonators.

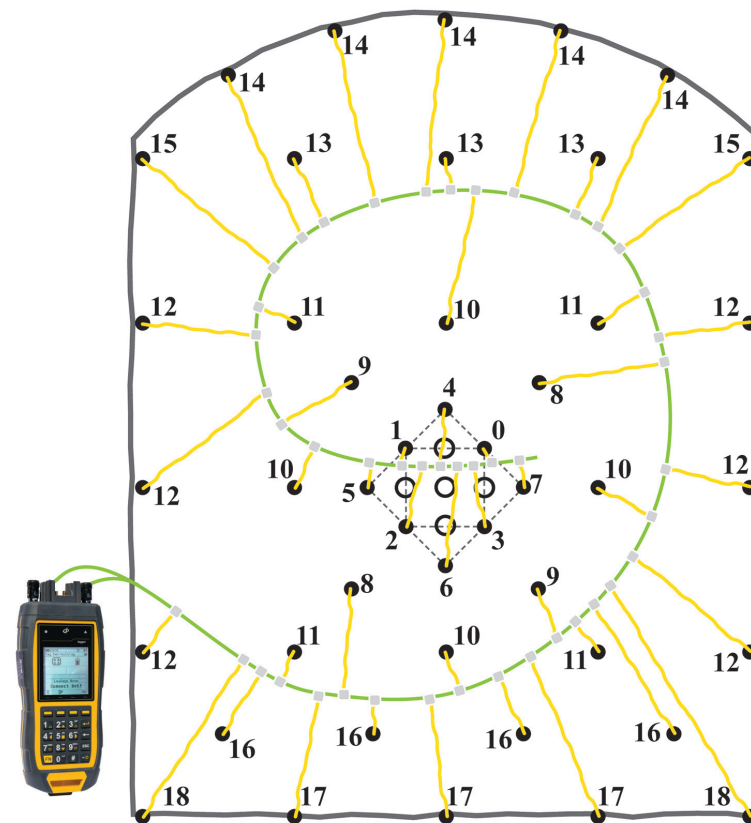
In addition, the BCU or portable BCU, requires a Smart Key plus a password and coded signal to fire which provides an extra level of security.

Unique Features

- The DriftShot **Tagger** is a unique, professionally designed, blaster-friendly, hand-held tool used to identify the borehole location with minimal key strokes. The Tagger can be used to test an individual detonator or the entire circuit prior to leaving the heading. The Tagger, together with the DriftShot BCU, enables initiation of the blast from a point of safety. Easy-to-follow screen menus lead the blaster through all underground operations.
- **No Delay Assignment at the Face** The blaster simply hooks the detonators onto the busline and the Tagger identifies the delay period and number of detonators of that period contained in the blast. All timing is done by the BCU.
- The **DriftShot BCU** contains pre-loaded delay firing templates from which the blaster can choose.

Transportation, Storage and Handling

- DriftShot must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (5 years), DriftShot must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives.



Case Dimensions

40.5 x 29.25 x 28.5 cm 16 x 11.5 x 11.25 in

Application Recommendations

Due to the system's flexibility, contact your local Dyno Nobel representative for application recommendations.

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