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DYNO[®]
Dyno Nobel

Groundbreaking Performance[™]

digishot Φ

electronic initiation system



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DigiShot® is a superior electronic initiation system for small blasts in surface and underground mining. This system improves safety and provides accurate timing with easy to use components.

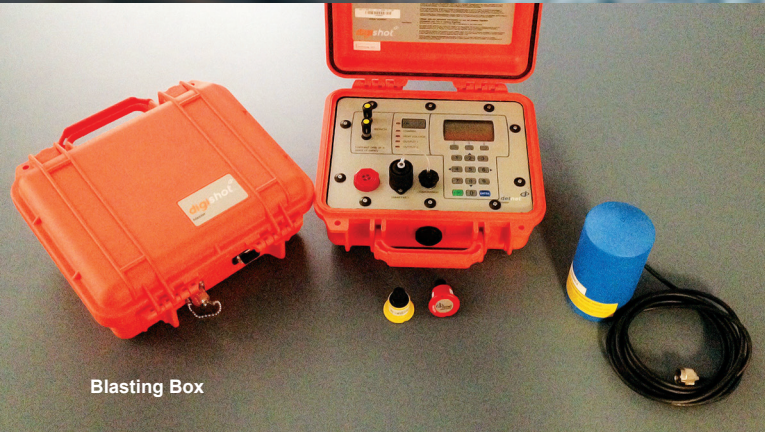


UNIQUE DIGISHOT COMPONENTS

- **Precision Timing Detonator**—The DigiShot Detonator is designed for better control over blasts. It is a two wire programmable precision initiation device. The detonator has an electronic circuit board encased in a water resistant copper shell. The accuracy of electronic delay timing helps you achieve better blast control, so you get the best results from each shot.
- **Rugged Over-extruded Downline Wire**—The DigiShot Wire has been designed and tested to be abrasion and cut resistant to increase communication between the detonator and the Tagger, helping to ensure detonation. The wire comes in an easy to deploy coil configuration with a heavy-walled, copper detonator on one end and a clip-on tester and connector on the other. All components on the wire are water, ESD and stray current resistant.
- **Blaster Friendly Tagger**—The DigiShot Tagger is a light-weight, hand-held tool used to assign the blast hole/detonator location with minimum keystrokes. The Tagger can be used to test individual detonators, blast pattern or the entire circuit while on the bench ensuring reliable detonation. The Tagger also has easy-to-follow, step-by-step screen menus that lead the blaster through on-bench operations.
- **Easy to Use Blaster**—The DigiShot Blaster can program and fire the blast at any point after the desired delay timing is entered. For flexibility, the delay timing can be entered at any time, the day of the blast or any day before. The light-weight portable blasting box has the capability for remote firing allowing for up to 300 detonations to take place at a distance of 1.5 kilometers (4921 feet). There are easy to follow screen menus that guide the blaster through all delay and firing options. For larger shots blasting boxes can be synchronized when firing in hardwire mode. With safety always a priority, the box requires a smart key and password with an encrypted signal to fire the blast.



Tagger



Blasting Box



Clipping Detonator to Busline

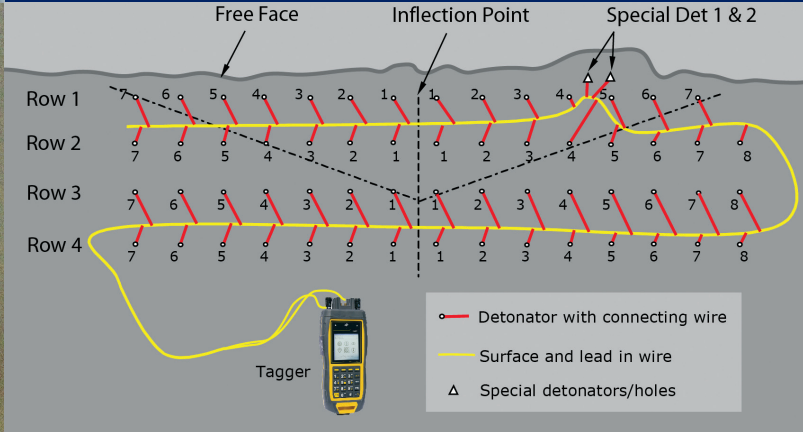
DIGISHOT SYSTEM BENEFITS

Easy-to-Use

- Minimal components on the bench
- Simple clip-on detonators to the busline
- Auto tagging and testing
- User friendly software
- Easy to follow menus on Tagger

Robust Over-extruded Downline Wire

- Cable is abrasion and cut resistant
- Passed CEN TS 13763-27 test, the European Standard of Compliance
- Water, ESD and stray current resistant



More Control

- Improved: vibration, wall stability, crusher throughput and operational efficiency
- Precise and accurate timing—electronic microchip
- Programmable blast patterns that can be done in advance or at the site
- Reduction in user error

Improved Safety and Security

- Smart key and password required
- Remote firing capability
- Encrypted signal to fire the blast