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DYNO®

Dyno Nobel

Groundbreaking Performance™

digishot® plus

electronic initiation system

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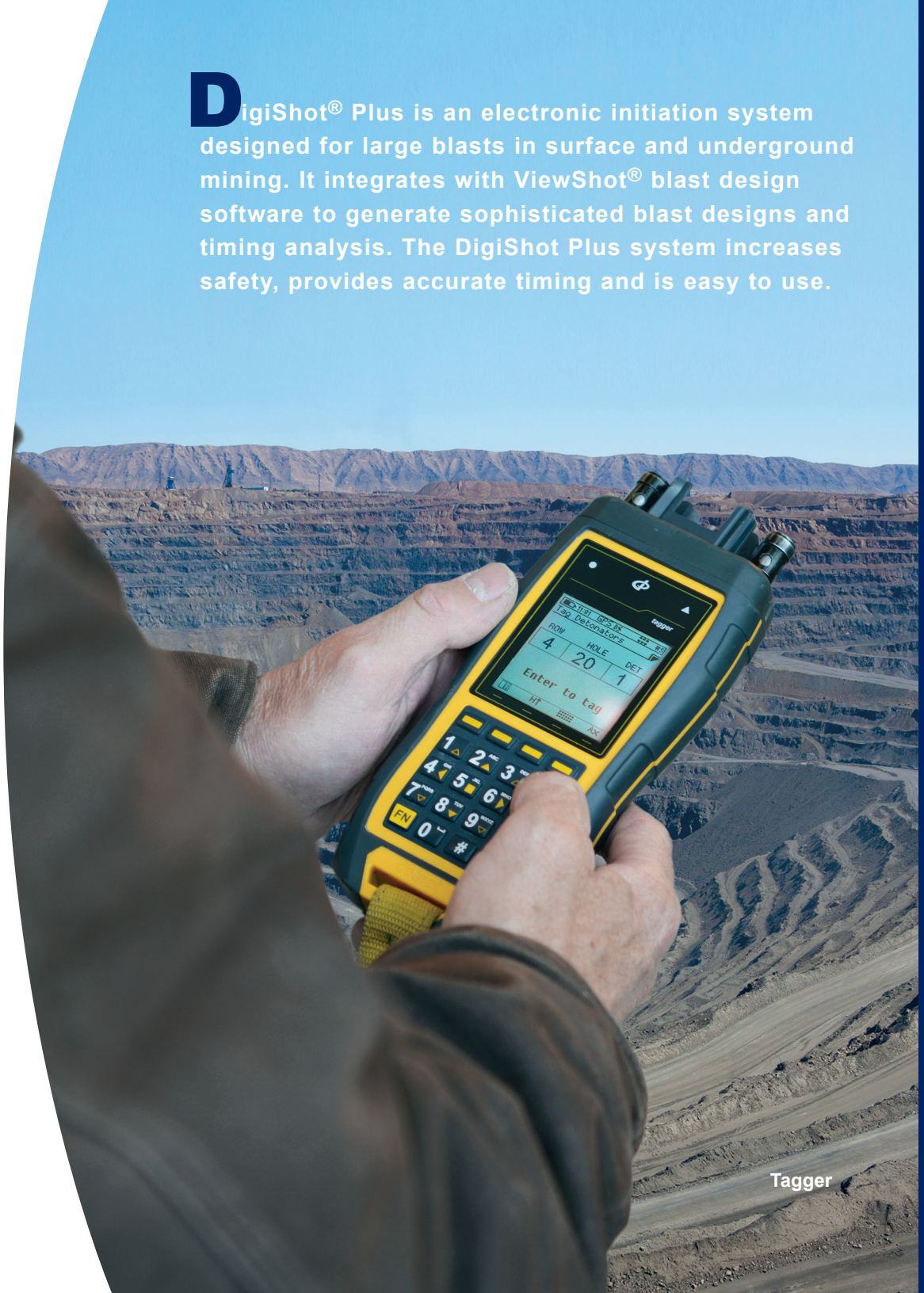
digishot® plus

DigiShot® Plus is an electronic initiation system designed for large blasts in surface and underground mining. It integrates with ViewShot® blast design software to generate sophisticated blast designs and timing analysis. The DigiShot Plus system increases safety, provides accurate timing and is easy to use.



Tagger

UNIQUE DIGISHOT PLUS COMPONENTS

- **Precision Timing Detonator**—The DigiShot Plus Detonator is designed for better control over large 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 Plus Wire has been designed and tested to be abrasion and cut resistant to increase communication reliability between the detonator and the bench box 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 Plus 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, individual rows or the entire circuit while on the bench ensuring reliable communication. The Tagger also has easy-to-follow, step-by-step screen menus that lead the blaster through on-bench operations.

- **Easy to use Bench Box and Base Station**—The DigiShot Plus Bench Box and Base Station are used in conjunction with one another. The Base Station provides the Arm and Fire commands to the Bench Box in order to fire the blast. For flexibility, the delay timing can be entered into the Bench Box at any time, the day of the blast or any day before. The blasting boxes have the capability for remote firing with a maximum capacity of 7,200 detonators, with up to 15 detonators per hole. The maximum line-of-sight distance between the Bench Box and Base Station is 3.5 kilometers (11,483 feet). Communication with the Bench Box is maintained through a secure and encrypted signal. With safety always in mind, the box requires a smart key and password to fire the blast.

Bench Box

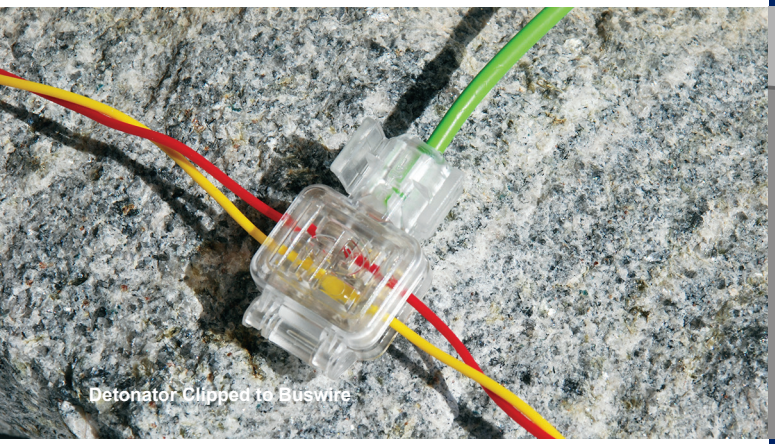
DIGISHOT PLUS SYSTEM BENEFITS

Easy-to-Use

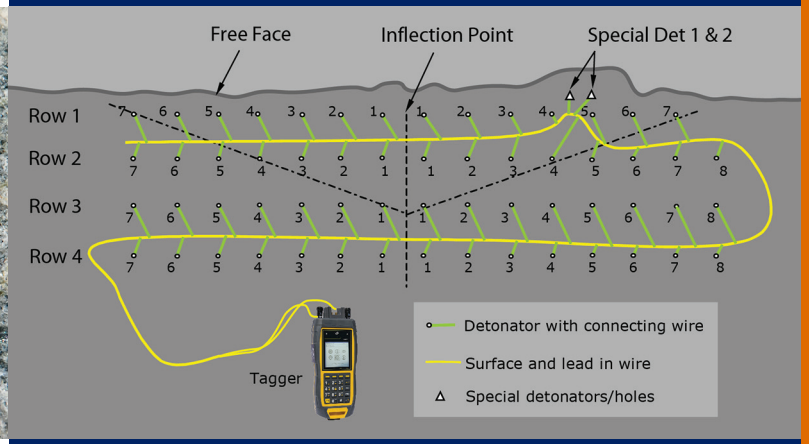
- Minimal components on the bench
- Simple clip-on detonators to the busline
- Auto tagging and testing
- User friendly software
- Easy to follow menus on Tagger

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



Detonator Clipped to Buswire



DigiShot Plus Carton

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
- Compatible with ViewShot blast design and timing analysis software

Improved Safety and Security

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

digishot® plus