

smartshot[®]

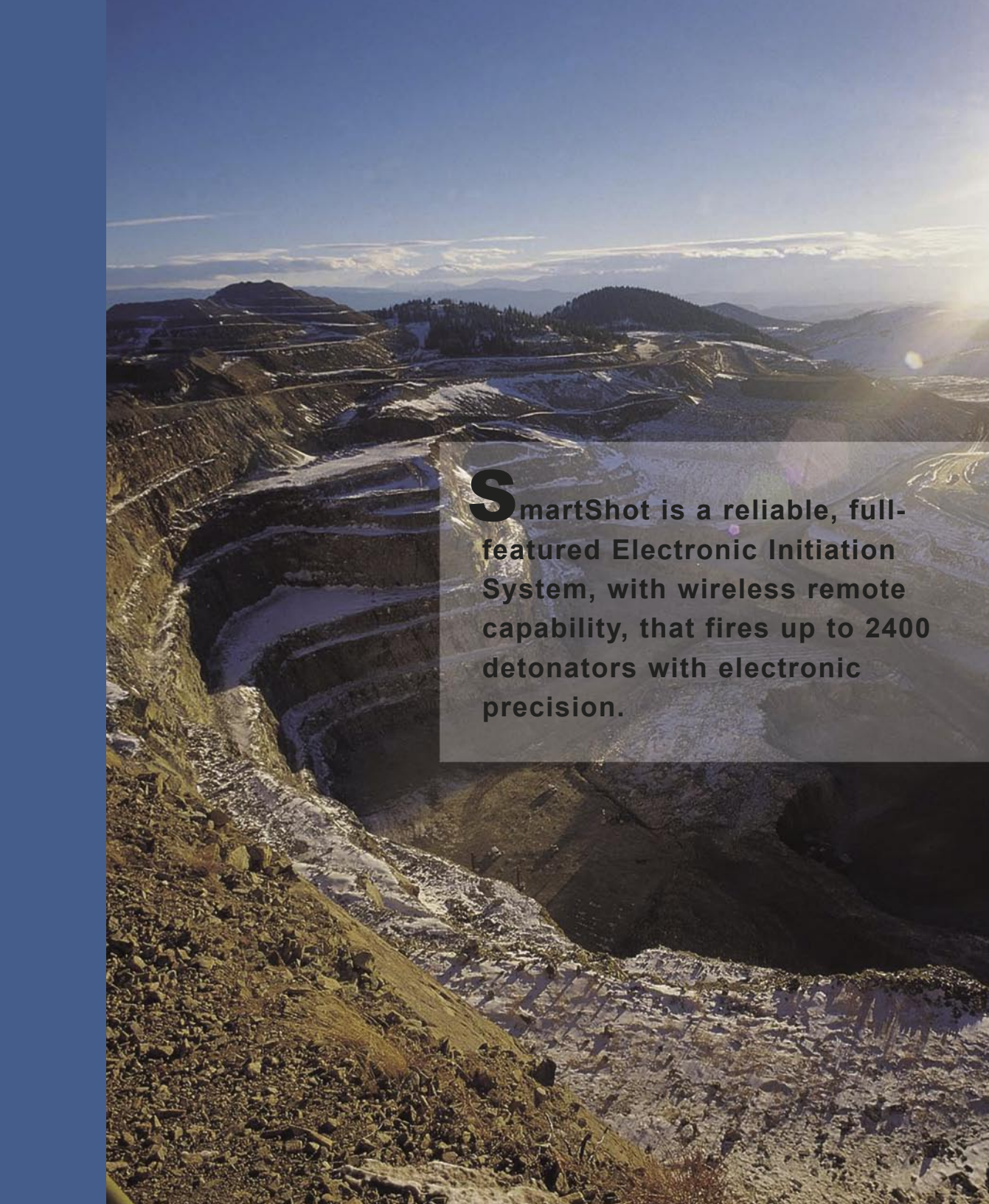
Electronic Initiation System



smartshot[®]

DYNO[®]
Dyno Nobel

Groundbreaking Performance[™]



SmartShot is a reliable, full-featured Electronic Initiation System, with wireless remote capability, that fires up to 2400 detonators with electronic precision.

COMPONENTS & CAPABILITIES

The **SmartShot Electronic Detonator** features precise programmable delay timing and robust green wire with large water-resistant surface connectors. Hook-up is easy - the male connector of one unit simply snaps into the female of the next, and so on, along a row.

The **SmartShot String Starter** is connected between the blast and the Bench Box to interface 2-wire with 4-wire communication. It also serves as an identifier to assist making fault finding quick and easy.

The **SmartShot End Plug** is connected to the last detonator in each string to indicate the end of a string to the control equipment.

The **SmartShot Tagger** is a user-friendly, hand-held unit that tests and assigns timing to individual detonators (or strings of detonators), and defines the hole configuration.

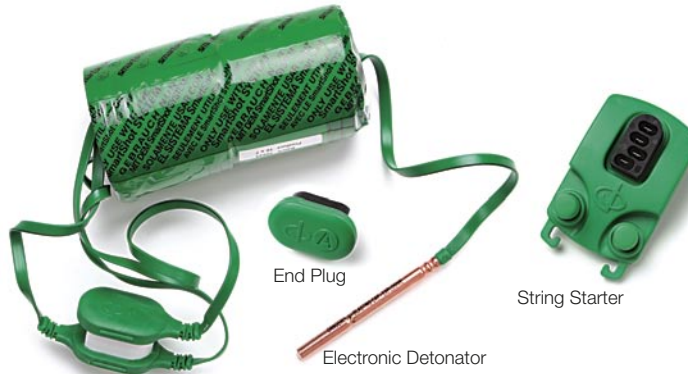
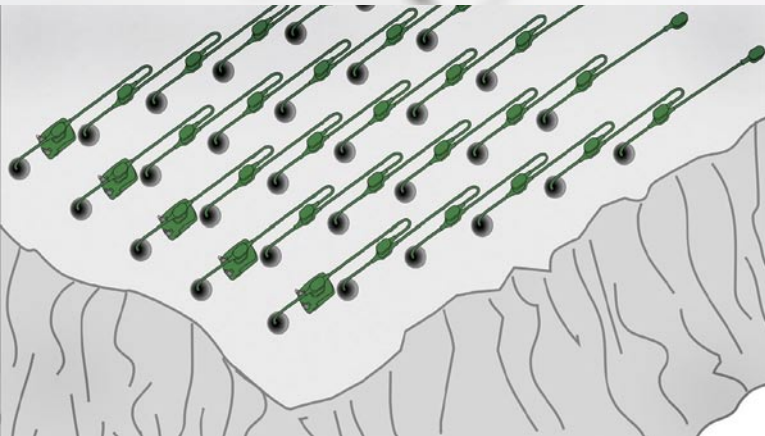
The **SmartShot Bench Box** is the receiver unit that allows remote firing. It receives a radio frequency signal from the Base Station and passes it on to the detonators in order to initiate the blast. If preferred, the system can be hard-wired instead. A connection box, stored inside the Bench Box, has terminals to attach the 2-wire lead to the String Starters.

The **SmartShot Base Station**, placed at a safe distance, is used to initiate the blast. The password protected Smart Key must be docked in the Base Station in order to arm and fire the shot.

SMARTSHOT SYSTEM BENEFITS

- **More control** of vibration, crusher throughput, highwall stability and operational efficiencies are possible with the fully-programmable SmartShot electronic initiation system.
- **Easy-to-use** water resistant connectors are robust and facilitate quick hole-to-hole connections. Sections of the blast can be connected by multiple users at the same time. Logical step-by-step software keeps training time to a minimum.
- **Wireless Remote Blasting** allows the blast to be initiated from up to 3000m away with a secure radio frequency signal.

Bench Box



End Plug

String Starter

Electronic Detonator

- **Blast Design Flexibility.** The SmartShot system provides multiple programming options to suit the specific application. From one initiation point in the string, users can individually program every hole, auto-program strings of detonators, or use a combination of the two. Detonators can be programmed on deployment or after the whole shot is connected. Between-row delays can be individually programmed and the software can handle multiple decks.
- **Security.** The SmartShot hardware and software is password protected, requires a SmartShot-specific Smart Key and uses a coded signal to fire the blast.

Base Station & Smart Keys



800-732-7534
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