

# smartshot<sup>®</sup>

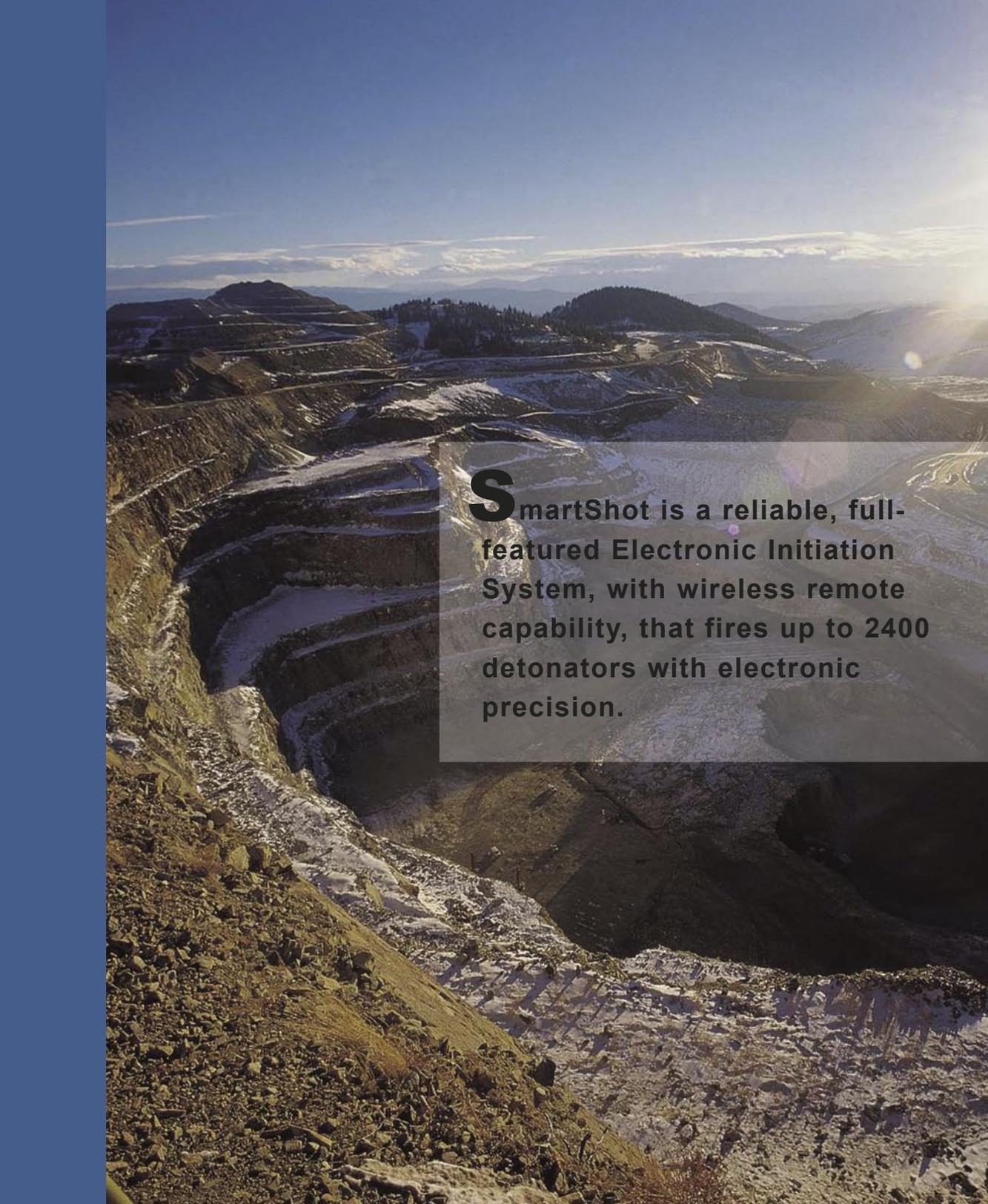
Electronic Initiation System



smartshot<sup>®</sup>

DYNO<sup>®</sup>  
Dyno Nobel

Groundbreaking Performance<sup>™</sup>



**S**martShot 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.

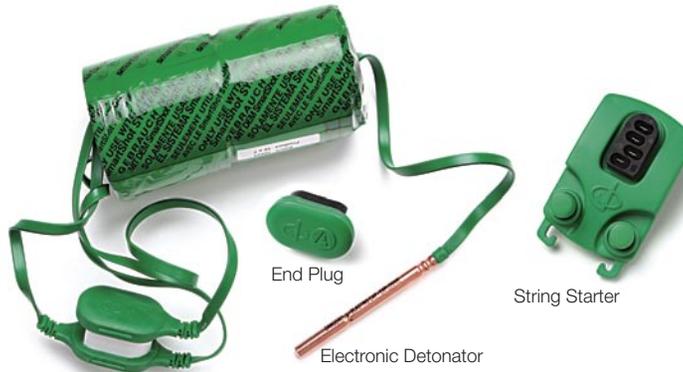
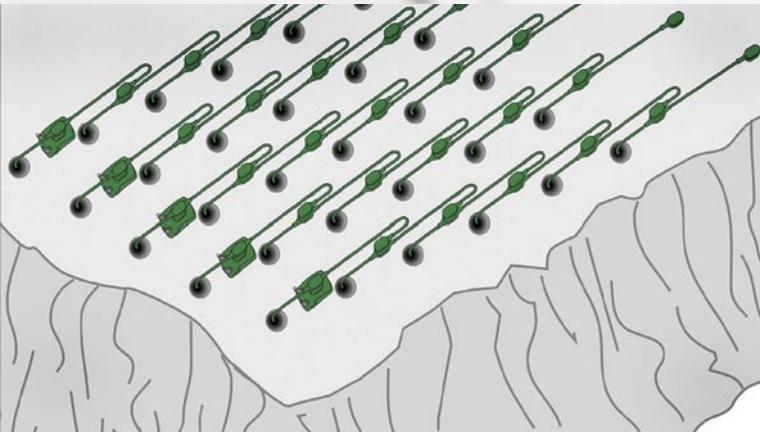
The **SmartShot Bench Box** is the receiver unit that allows remote firing. It receives a radio frequency signal from the Base Station and passes it on to the detonators in order to initiate the blast. If preferred, the system can be hard-wired instead. A connection box, stored inside the Bench Box,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

[www.dynonobel.com](http://www.dynonobel.com)

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