

SMART BLAST

REMOTE FIRING DEVICE



VARIS
SMART UNDERGROUND COMMUNICATIONS

SMART BLAST RFD. A SAFE BLAST IS A SMART BLAST.



One controller..eight remotes..one smart blast! Varis is pleased to introduce the Smart Blast RFD (Remote Firing Device). Smart Blast works in conjunction with a mine's Leaky Feeder system to provide full, two-way blast control. Smart Blast's digitally encoded signal and clear user indications combine to provide a safe, reliable and inexpensive remote blast operation.

Blast safe... and save.

Hard-wired Central Blasting systems are expensive to install and maintain. Tape fuse initiation is not fail-safe. VLF initiation systems require cable installation and are one-way only. If your operation already has a Leaky Feeder system you will measure your payback in weeks, not months with Smart Blast.

Total control and precision.

The Smart Blast technology has over 15 years of military and commercial experience, and now it's available for use in the mining sector — either open pit or underground. Smart Blast has the capability to initiate non-electric shock tube, as well as standard electric blasting caps. No need to "run around" checking for misfires as the controller receives an "answer back" or confirmed status on all of the remotes.

How Disarming.

An important feature of Smart Blast is its ability to automatically disarm any of its remote firing devices if they do not receive a properly addressed firing signal within two minutes of being armed. The system can be disarmed from either remote or controller.

Rugged Reliability.

The Smart Blast system's cases are watertight and have a vent for pressure equalization. The electronics are specially mounted to prevent damage from shock and vibration from blasting, transport or mishandling.



Notable Features:

- Field proven – fifteen years experience
- Digitally encoded signal – CRC32
- Unique system ID codes
- No installation required
- No additional infrastructure required
- Two-way status communication
- Electronic keys prevent tampering
- Controller can be located anywhere with Leaky Feeder radio coverage
- 12 hour standby time
- 4 hour battery re-charge
- Tag board interlock (optional)
- Two year warranty

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