electronic initiation systems

digishot®

digishot® plus

smartshot™

geoshot™

driftshot™

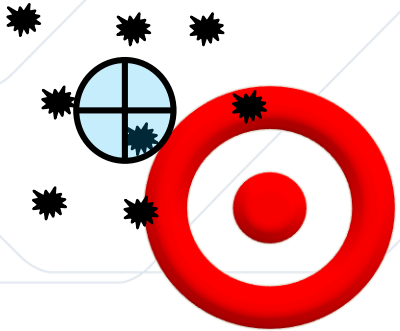
DYNO
Dyno Nobel

Groundbreaking Performance

Take Control of Your Blasting Challenges

- ✓ Increase Safety and Security
- ✓ Ensure Reliable Performance
- ✓ Reduce Environmental Impact
- ✓ Improve Operational Efficiency

Electronics are Accurate and Precise



Not Accurate
Not Precise

Precise
Not Accurate

Accurate
Not Precise

Accurate
and Precise

⊕ = Average Time

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Toughest Downline Wire

Robust Design Ensures Reliability

Most Advanced Data Management

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More Control of Blast Site Safety

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More Control of Community Relations

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More Control of Operational Efficiency

- Predictable Fragmentation
- Crushing Costs
- Load / Haul Costs

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driftshot™

geoshot™

viewshot®

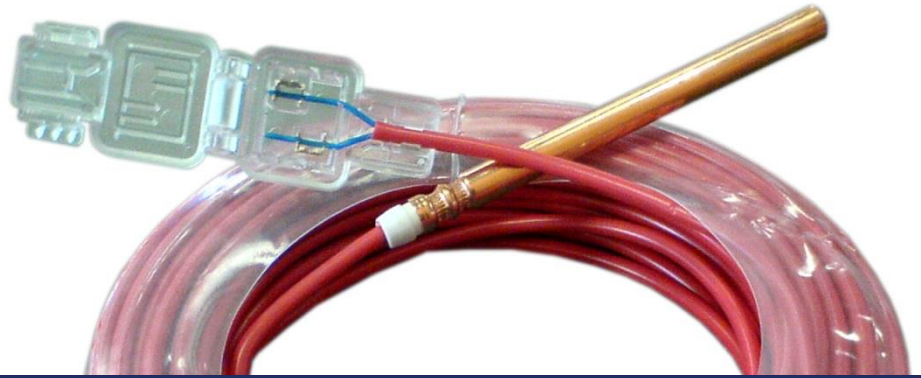
for every application

- Small Blasts – Surface & Underground
- Large Blasts – Surface & Underground
- Largest Blasts – Surface & Underground
- Underground Development & Tunneling
- Geophysical Exploration
- Integrated Software System

digishot®

electronic initiation systems

- ✓ Smartkey and Fire Command encryption for security
- ✓ Fully programmable in advance or at blast site
- ✓ Robust connectors and downline wires
- ✓ Full two-way communication



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digishot® plus

electronic initiation systems

- ✓ All the features of DigiShot and . . .
- ✓ Larger blasts - up to 7,200 detonators
- ✓ Downloadable blast patterns
- ✓ Remote firing
  - Base station with up to 4 bench boxes
  - Leaky feeder compatible
  - Repeater station increases distance

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smartshot™

electronic initiation systems

- ✓ All the features of DigiShot Plus and . . .
- ✓ Largest blasts - up to 9,600 detonators
- ✓ Auto-programming
- ✓ Easy, robust daisy-chain connections
- ✓ Remote firing, leaky feeder compatible

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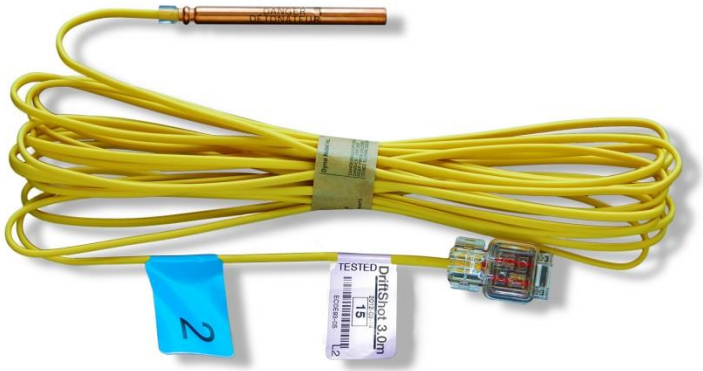
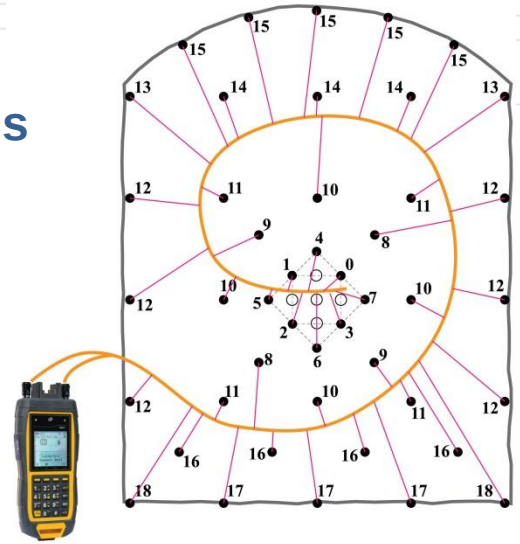
driftshot™

electronic initiation systems

- ✓ **Simple system emulates NONEL LP delay periods**
- ✓ **Minimal training required**
- ✓ **Hookup to busline in any order**
- ✓ **6 channel Blast Control Unit with preloaded options**
- ✓ **Nominal and programmable templates available**





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geoshot™

electronic initiation systems

- ✓ **Integrated safety and security features**
- ✓ **Rugged reliability in challenging conditions**
- ✓ **Enhanced data management**
- ✓ **User-friendly**

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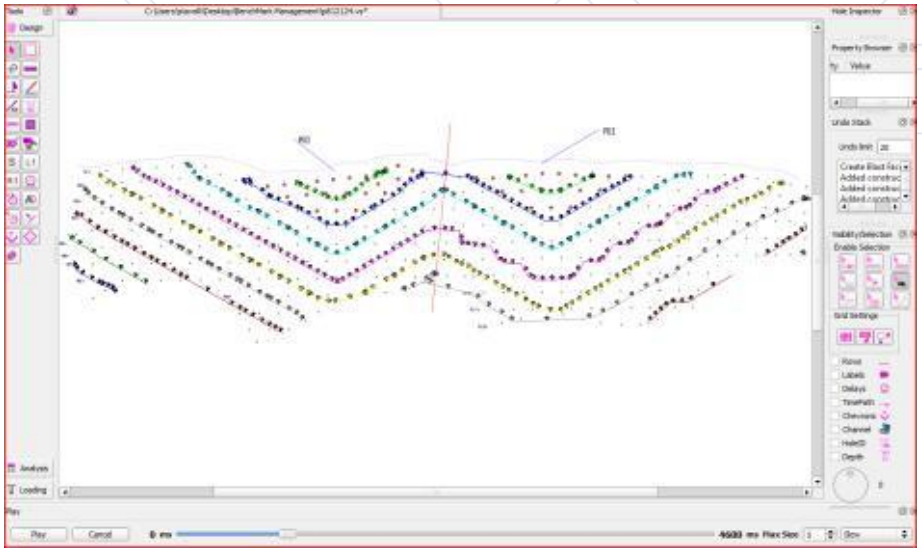
viewshot®

blast design software

- ✓ **Accurate, sophisticated blast designs and timing analysis**
- ✓ **Imports from mine planning applications**
- ✓ **Blast simulation capability**
- ✓ **Export designs directly to Dyno Nobel control equipment**



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