



# Oseis™

## ACCURATE, RELIABLE, ELECTRONIC INITIATING SYSTEM SPECIFICALLY DESIGNED FOR SEISMIC EXPLORATION

The Oseis™ system combines a high strength, accurate electronic detonator and a secure firing system to achieve reliability and precision for the harsh conditions common to geophysical exploration. Complementing the Oseis™ system, the Oseis™ Project Management Software offers a complete quality management system for explosive shot hole loading and firing.

### INCREASED RELIABILITY

- Highly accurate and programmable detonator offering flexibility and precision.
- Two way communication enables the detonator to be checked via control equipment at any time from loading to firing reducing delays and the chance of misfires.
- Ensures initiation reliability with all Orica detonator sensitive explosives, even at low temperatures.
- Timing precision of +/- 0.075 ms ensures data integrity.
- Oseis™ Project Management Software provides troubleshooting/ problem solving through real time explosives tracking from point of load to point of shot.

### CONVENIENT AND EFFICIENT

- Oseis™ Tester III GPS capability enables shotholes to be located before and after loading.
- Oseis™ Tester III allows for the collection of in-hole conditions such as geology, hazard warnings and type of explosives loaded.
- Oseis™ Shooter II memory can save data for up to 1000 shot points.
- Oseis™ Shooter II has a firing capacity of up to 10 Oseis™ electronic detonators in a single pattern shot.
- Data is transferable to Oseis™ Project Management Software via USB or Bluetooth® for Tester III or serial cable for Tester II or Shooter II.
- Oseis™ Project Management Software contains the ability to transfer relative data to survey, drill, acquisition and client company for use in inter-company data management systems.



### SAFETY AND SECURITY

- Robust construction of the system protects against accidental or unintended detonation caused by over voltage, static electricity, stray currents or electromagnetic inductions.
- Harsh environment construction of Oseis™ detonator assures long sleep times in harsh in-hole conditions.
- Oseis™ Project Management Software ensures security over explosives integrity and inventory.

### Oseis™ COMPONENTS

- Oseis™ Electronic Detonator – accurate and programmable.
- Oseis™ Tester – multi function device used during loading to perform detonator function, identification and positioning tasks.
- Oseis™ Shooter – connects to the conventional shooting system via the trigger cable to fire the shot.
- Oseis™ Project Management Software.

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