Electric Exploders

Ausdet Stinger SB10 Exploder  
**SAP Code: XEXP10**

A capacitor discharge exploder including rechargeable battery power.

The SB10 is a 10-shot capacitive discharge exploder, enclosed in an impact resistant plastic case.

The SB10 exploder is suitable for use in all mining, quarrying, construction and general blasting applications, except in underground coal mines. Not suitable for gassy coal mines.

Ausdet Stinger SB100 Exploder  
**SAP Code: XEXP100**

A capacitor discharge exploder including rechargeable battery power and a built-in circuit tester.

The SB100 exploder/circuit tester is a dual-function unit enclosed in a robust glass filled Nylon case. The case is dust and splash resistant. The SB100 is a 100-shot capacitor discharge exploder, suitable for use in all mining, quarrying, construction and general blasting applications, except in underground coal mines. Not suitable for gassy coal mines.

The complete unit is enclosed in a leather carrying case with shoulder strap.

Spare Key for Ausdet Exploder  
**SAP Code: XEXPKEY**

Removable magnetic key which controls the security of firing mechanism for the Ausdet Stinger SB10 Exploder and Ausdet Stinger SB100 Exploder.

Schaffler 808T Exploder  
**SAP Code: XEXS808T**

Hand twist dynamo capacitor discharge exploder. Built strong with fully enclosed, sealed metal casing.

The Schaffler 808T is a 100 shot capacitor discharge exploder, enclosed in a robust metal housing. It is designed particularly to meet the requirements of blasting in gassy underground coal mines. The Schaffler 808T exploder will initiate 1 to 100 standard electrical detonators connected in series.
Beethoven Mk7 Exploder
SAP Code: XEXPBMK7

A 100-shot hand crank dynamo capacitor discharge exploder. Fully enclosed, sealed plastic heavy-duty casing.

The Beethoven Mk7 is designed to meet the requirements of blasting in gassy underground coal mines. The Mk7 has an integral digital ohmmeter which can be used to measure the total circuit series resistance. The d/c voltage required to initiate the detonators is supplied by a hand operated generator which charges a capacitor.

The Beethoven Mk7 exploder is approved for use in gassy underground coal mines in Queensland only.

Non-Electric Starters

Shot Shell Starter Kit
SAP Code: XSTKIT

A hardened stainless steel percussion starter for signal tube initiation with shot shell primers.

Shot Shell Starter kit is supplied complete with 100-shot shells and maintenance equipment in a sturdy storage bag.

Testing Equipment

CT100 Digital Ohmmeter
SAP Code: XTESTCT100

General purpose circuit resistance tester with digital read out. Precise resistance reading range from 0 to 199 ohms, with 0.1 ohm resolution.

The CT100 circuit tester is a portable ohmmeter designed specifically for testing electrical firing circuits. The ohmmeter is a fixed range type incorporating a highly visible digital readout. The complete unit is enclosed in a protective leather case complete with belt clip and neck strap. The CT100 circuit tester is suitable for use at mine, quarry, construction and general blasting sites. It is not suitable for use in gassy underground coal mines.
Tester for Beethoven Mk7 Exploder  
**SAP Code: XTESTBMK7**

Suitable instrument for testing the firing capacity of a Beethoven Mk7 exploder. A light-emitting diode (LED) flashes when the exploder is discharged into the tester, indicating the exploder is operating at full capacity.

Tester for Schaffler 808T Exploder  
**SAP Code: XTST808T**

The tester "SOLUS" is used to test the electrical performance of capacitor blasting machine. The glow lamp will light at 100% capacity. At capacities reduced by 15% and more, the glow lamp will not light.

ZEB/DZ3 Digital Ohmmeter  
**SAP Code: XTESTDZ3**

Precision circuit tester with digital read out. Resistance reading range from 0 to 1999 ohms, with 0.1 ohms resolution.

The ZEB/DZ3 digital ohmmeter is a high quality portable instrument mounted in a dust and splash resistant case. The ohmmeter is an auto-ranging type incorporating a highly visible digital readout. Screw terminals are fitted for simple attachment of the firing circuit wires.

Instantaneous Electric Fusehead  
**SAP Code: XFUSEELEC**

Fuseheads, combined with a Blasting Rheostat, provide an effective method of testing generator-type and battery powered capacitor-discharge exploders.
### Shot Firing Cables

#### White Shot Firing Cable
**SAP Code: XSFCW**

Twin multi-stranded insulated copper conductors which lead from the exploder to the detonator wires.

#### Yellow Shot Firing Cable
**SAP Code: XSFCY**

Twin multi-stranded, heavy duty, insulated, low resistance cable for blast initiation.

#### Twin Twist Connecting Wire
**SAP Code: XCONTWIN**

Two single strands of copper wire, coated with PVC, for electric blasting circuits.

Suitable for extending detonator leads down blastholes, away from faces, or otherwise connecting lead wires to the firing line.

Not recommended for use as a main firing line.
Hoses

**Lo-Stat™ Special Hose**

**SAP Code**
- XLO25X60 – Lo Stat 25mm x 60m
- XLO25X35 – Lo Stat 25mm x 35m
- XLO20X30 – Lo Stat 20mm x 30m

The Lo-Stat™ Special Hose is a lightweight, robust, semi-conductive, thermoplastic loading hose used for the delivery of ANFO in underground applications. Available in 30m, 35m or 60m lengths.

Lo-Stat™ Special Hoses:
- Lo Stat 25mm x 60m
- Lo Stat 25mm x 35m
- Lo Stat 20mm x 30m

**Underground Bulk Delivery Hose**

**SAP Code: XPHOSE20x200**

Used in underground bulk emulsion systems.

**Underground Powerhose MK2**

**SAP Code: XPHOSE20x200M2**

Used in underground bulk emulsion systems, for optimal pumping rates and loading efficiency.
**Pentex™ Accessories**

**Pentex™ D Applicator**  
*SAP Code: XHAPD*

Applicator used with the Pentex™ D Booster. The Applicator twists into a production nozzle at the end of a static mixer or yellow Underground bulk delivery hose. The unique design features facilitate ease of loading, retention of the unit in the hole and the secure placement of a high strength detonator.

Available in packs of 12.

**Pentex D Hosetail and Hose Nozzle**  
*SAP Code: XHTLPD - Pentex™ D Hosetail  
XHNZLPD0.5 - Pentex™ D Hose Nozzle 1/2”*

The Hosetail is designed to be screwed into the yellow Underground Bulk Delivery Hose and is supplied with a “protective shroud” on the exposed thread.

The hose nozzle is screwed into the internal Hosetail thread.

On removal of the “protective shroud”, the Applicator (supplied with Pentex™ D) can be fitted to facilitate the use of Pentex™ D.

**Note:** You will need to order both of these items separately

**Ballistic Disc Accessories**

**Ballistic Disc 260**  
*SAP Code: PD6PH*

Ballistic Discs provide a safe and effective way of remotely clearing hang ups and upstanding drill in draw points and stopes for the underground market.

Comprises 6.9kg of explosive cast into an aluminium lining, capped with a steel disc. The unit is initiated by a detonating cord assembly made from 20g/m detonating cord.
**Laser Aimer for Ballistic Disc 260**

**SAP Code:**
- XLASERALL – Laser Sight system
- XLASERHOLD – Laser Sight base only
- XLASERONLY – Laser Aimer only

A machined base supports a firearm Laser Sight to provide highly accurate illumination of the ballistic disc target site.

The Laser Aimer magnetically attaches to the face of a Ballistic Disc.

The Laser Sight Base and Laser are also sold separately.

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**Borehole Spring (75 mm)**

**SAP Code:** XBHRS75

Polyethylene plug used in conjunction with stemming and for securing explosives in blast holes. Also used for marking and keeping back fill from entering hole.

Available in packs of 10.

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**Retention Devices**

**Borehole Plug Brush**

**SAP Code:** XPLUGBRUSH150X225

Borehole retention device for use in upholes loaded with bulk emulsion (150mm x 225mm).
Auto Prime Shell  
**SAP Code: X SHELL**

Plastic shell used to secure Pentex™ G primers in up-holes of 51mm to 89 mm diameter. Ideal application for use in production up-holes.

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QuarrySafe™  
**SAP Code:**  
XQRYSFGR – QuarrySafe™ unit Green  
XQRYSFPR – QuarrySafe™ unit Purple  
XQRYSFYL – QuarrySafe™ unit Yellow

QuarrySafe™ has been developed by Orica as an initiating systems retention device for use in quarries and small open cut mining operations.

The unit is designed to prevent the loss of downline leads down the blast hole during charging operations. QuarrySafe™ provides enhanced visibility for I.S components particularly where vehicles operate within the blast boundary. QuarrySafe™ secures downline leads in purpose built clips designed in the corners of the device.

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BenchSafe™  
**SAP Code: XBNCHSFC**

BenchSafe™ has been developed by Orica as an initiating systems retention device for use in open pit mining operations.

BenchSafe™ combines the functionality of a peg with the capability to positively retain up to 3 boosters and 3 detonators off the ground before priming, and secure the downline leads during priming, charging and stemming.
### Spiders for Pentex™ Stopeprime™

**Pentex™ Stopeprime™ Spider**

**SAP Code**
- XSPIDER60-100 – 60-100mm Stopeprime™ Spider
- XSPIDER100-160 – 100-160mm Stopeprime™ Spider

Plastic spider used to secure Stopeprimer primers in up-holes. Ideal for use in perimeter and lifter boreholes, wet development headings, stope hanging walls and pre-split applications where floating and rifling can occur.

Available in the following diameters:
- 60-100mm Stopeprime™ Spider
- 100-160mm Stopeprime™ Spider

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### Detonating Cord Cutters

**Detonating Cord Cutters**

**SAP Code:** XCORCUT

Heavy duty, single action cutter featuring a long stainless steel blade with synthetic anvil, avoiding hazardous shearing action.

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**J-Style Easy Cord Cutter**

**SAP Code:** XCORJSTYLE

Drag knife, for slicing easily through Cordtex™ Detonating cord. No moving parts, and small enough to fit on a miner’s belt.

Sold in packets of 10, safe and economical method of cutting cord.

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Please note that the images in this catalogue are not to scale. For further information on the full range of Accessories visit our website www.orica.com or contact your local Orica Representative.

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