

Stinger SB10 Exploder



Description

The SB10 is a compact capacitive discharge exploder, enclosed in an ultra violet resistant nylon case. The SB10 is powered by a replaceable 1.5V AA battery. The firing terminals have rubber covered captive nuts, for insulation, and 2.8mm rebated holes in the posts for positive securing of the lead wires. A removable magnetic key controls security of the firing mechanism and a push button operates the firing circuit. A READY light illuminates when the firing capacitor is fully charged. The complete unit is enclosed in a leather carrying case with shoulder strap.

Safety

It is the Shot Firer's responsibility to ensure that relevant legislation, standards, and approved safety procedures are complied with. The magnetic key should not be kept with the SB10 to prevent unauthorised use of the device. The key should be removed after firing. Firing of the SB10 is disabled until the firing capacitor has reached the required charge. The READY light will only illuminate when the capacitor is up to a charge that will guarantee the maximum number of detonators can be fired. Firing can be safely aborted after the READY light has illuminated by removing the magnetic key. The exploder will not operate if the battery level is too low to guarantee adequate charge. Rubber covered terminal nuts minimise the risk of electric shock to the user.

CAUTION: do not touch terminals or cables when firing, potentially lethal voltage across terminals when firing. The complete unit complies with the recommendations of Australian Standard AS2187 - Part 2, 1993.

Application

The SB10 exploder is suitable for use in all mining, quarrying, construction and general blasting applications except in underground coal mines.

Technical Properties

Firing Capacity

The SB 10 will reliably fire 1 to 10 standard electrical detonators connected in a single series **with** 3.0 metre tails of 0.5mm (25SWG). Total resistance, 36 Ω includes firing lead-in cable.

Specifications

Type:	Capacitor discharge
Capacity:	10 shot, 160 μ F, 100V, 0.8J
Dimensions:	135 x 75 x 50mm
Mass:	0.500 kg

Recommendations for Use

Connect firing cable leads to the exploder terminals. Screw down the terminal nuts firmly. Insert the magnetic firing key into the white socket. The ready light will illuminate after approximately 6 seconds. Press the red PRESS TO FIRE button to fire the charge. Remove the key after firing. If the ready light does not illuminate after 10 seconds then change the AA battery.

Packaging

The SB10 is supplied in a cardboard box with operating instructions. Each unit is stamped with its serial number on the leather strap.

Trademarks

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Orica Mining Services
1 Nicholson Street
Melbourne, VIC 3000

Emergency Telephone Numbers

Within Australia: 1800 033 111
Outside Australia: 61 3 9663 2130