

Mini-Shrike

Single output handheld exploder

Chemring
Technology Solutions

The Mini-Shrike has been designed to provide military engineering with a lightweight, single output electronic exploder. Based on the proven Shrike technology, the Mini-Shrike is a single channel exploder, operable by one hand for the safe and reliable initiation of electro-explosive devices.



FEATURES

Mini-Shrike must be primed before any circuit can be fired. Firing requires the simultaneous depressing of buttons, which minimises accidental initiation should the charged (or primed) unit be dropped. The output is inhibited when the Mini-Shrike is not fully primed, thus preventing partial firing.

An indication of continuity is available prior to firing and output energy cannot be released into a circuit whose resistance is more than the pre-set maximum. This level of resistance is well below that of the human body and therefore, completely eliminates any electrical hazard to the operator.

OPERATION

The single firing circuit is connected by means of spring-loaded terminals. Circuit continuity is checked by operating the TEST button. A green LED will indicate a positive connection.

Lifting the PRIME flap on the right-hand side of the unit causes the red LED to flash, indicating the unit is primed. This typically takes two seconds with good batteries. While the red LED is flashing, the load circuit may be fired by operating both the TEST and FIRE button (FIRE location under the PRIME flap) simultaneously.



SPECIFICATIONS

Parameter	Value
Size	151 x 58 x 46 mm approx.
Weight	240 g excluding batteries
Case material finish (as standard)	NORYL SE100 Non-reflective drab olive
Output connections	Single firing circuit (Spring loaded terminals)
Controls	Push button
Indicators	LED
Batteries	2 x standard PP3 9V alkaline batteries (100 firings minimum)
Operating temperature range	-20C to + 55C
Storage temperature range	-40C to +70C excluding batteries
Output voltage	319 - 400V (nominal)
Output energy	8J typical (4.5J min)
Output load	Up to 400 Omhs
Arming time	2 seconds (typical)

ORDERING

Mini-Shrike Exploder

Stock Number: 800-0617

NSN: 1375-99-859-2086

Mini-Shrike shocktube adaptor

Stock Number: 800-0757

NSN: 1375-99-177-3464

STH224/3 shocktube firing head (3mm)

Stock Number: 800-0746

NSN: 1385-99-241-8804



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