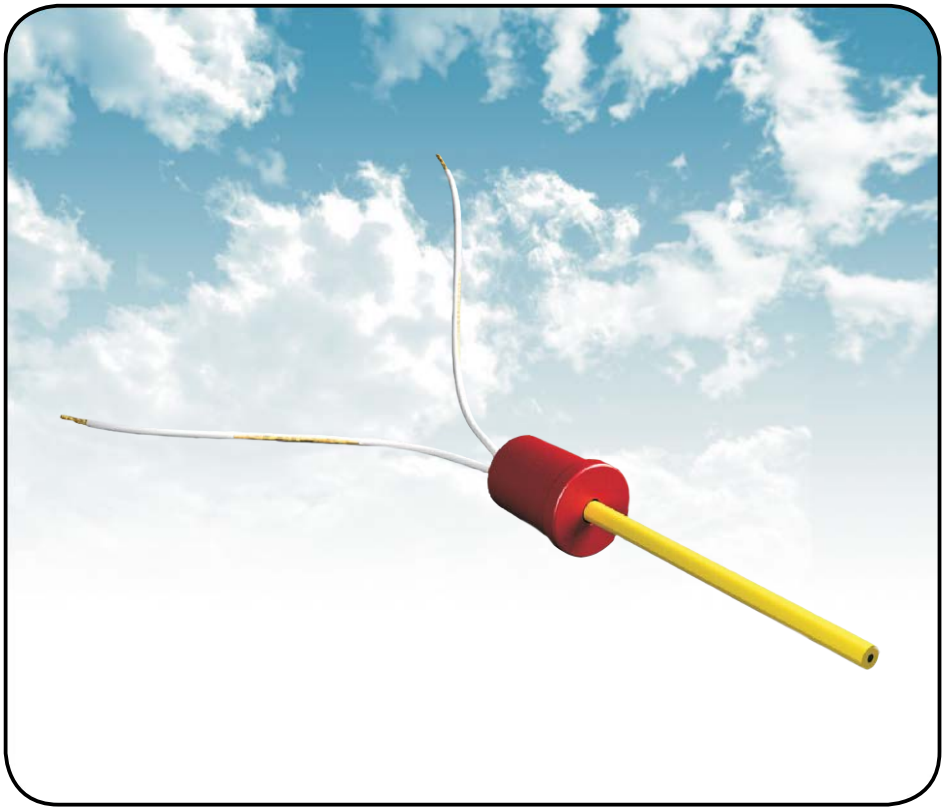
Shockstart®
Non-Explosive
Completely Safe



Overview

- The non-explosive Shockstart® is used to initiate Shocktube using a conventional capacitor discharge Shot Exploder that provides an output of >3J and >300A short circuit current.
- Designed for single use, the reliable Shockstart® eliminates the uncertainty in firing Shocktube.

Features

- The Shockstart® contains no explosives.
- No licences required.
- Cannot be fired by cap lamp or battery.
- No RF precautions required.
- No special storage requirements.

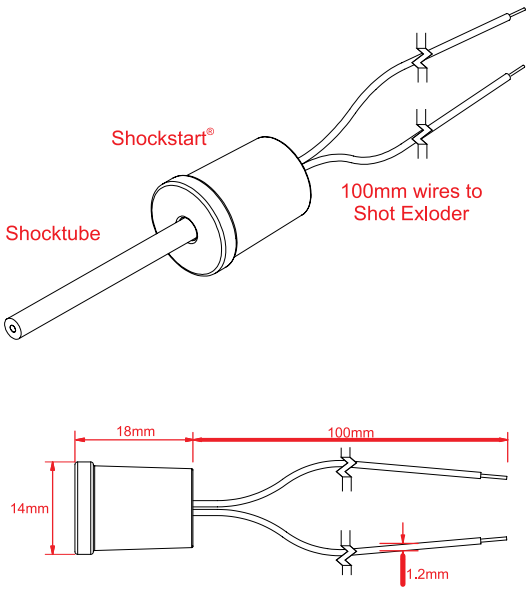
Operation

- A piece of neatly cut Shocktube is inserted into the Shockstart® (see picture). The Shockstart® wires are connected to the Shot Exploder output terminals.
- The Shot Exploder is operated in a normal way. Standard blasting safety precautions must be adhered to.
- The Shockstart® is intended for single-use only. Although subsequent firings are sometimes possible these cannot be relied upon.

Notice and Maintenance

- As the Shockstart® contains no explosives, no special handling or transport precautions are necessary.
- However, when used in conjunction with explosives, all normal safety precautions must be observed.
- Caution: If the Shocktube is not correctly inserted, the Shockstart® may emit a flame and small particles especially when fired with a powerful Shot Exploder.
- Do not extend the lead wires; they are to be connected directly to the Shot Exploder.

Unit Dimensions



Specifications

Compatible With	Any capacitor discharge Shot Exploder with >3J and >300A output capability e.g. 381F, 741F, 1221F, 1351F and higher Shot Exploders.
Firing Capacity	Single firing of one Shocktube.
Construction	Tapered tubular plastic holder with 3mm hole for Shocktube insertion and two short 100mm, 0.6mm copper leads for connection to a Shot Exploder.
Unit Dimensions	Up to four 20mm No.1 or No.2 glands. Unused entries sealed with removable plugs.
Enclosure	Diameter: 14mm reducing to 11mm. Length (excluding 100mm leads): 18mm.
Unit Size Availability	3.1mm. 3.3mm.
Unit Mass	7g.
Temperature Range	-5°C to 45°C.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.

AECE
AEC Electronics (Pty) Ltd P.O.Box 958, Kempton Park, 1620, South Africa
Tel: +27 11 975-1643 Fax: +27 11 975-1680
Email: sales@aece.co.za http://www.aece.co.za