Shocktube Initiator
Model STI-2

Features

- The STI-2 case consists of a Shocktube Initiator Model STI-2, 5 Shocktube Electrodes, Side Cutter, Shocktube Cutter and keys to arm the STI-2.
- The STI-2 is a handheld device that enables the initiation of Shocktube. Only one Shocktube may be initiated at a time.

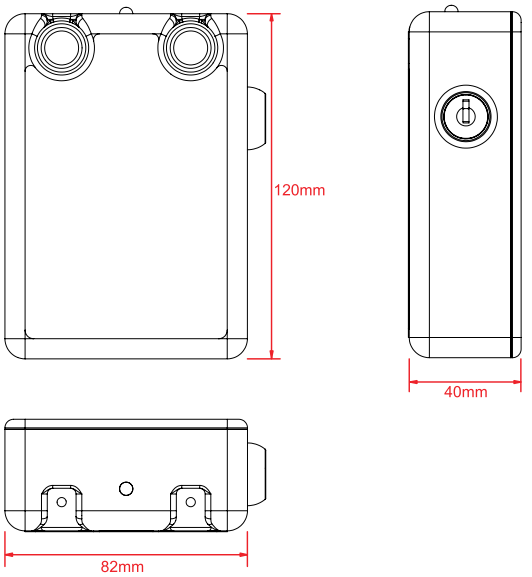
Operation

- Press the STI-2 terminals down to open the contact and insert the Shocktube Electrode wires into the openings.
- Using the Shocktube Cutter, cut the required length of Shocktube.
- Attach the Shocktube to the Shocktube Electrode.
- Ensure the initiation area is cleared of all personnel.
- Turn and hold the key until the STI-2 fires.
- After 20-30 firings, use the Side Cutter to trim the Shocktube Electrode by 1.5-2mm.
- The STI-2 is powered by a replaceable PP3 9V Alkaline battery. The battery should be replaced if the firing time exceeds 4 seconds.
- The STI-2 is capable of approximately 100 firings before the Shocktube Electrode needs to be cut, using the Shocktube Cutter.

Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Not approved for use in fiery mines.
- Exploder should only be opened to replace PP3 9V Alkaline battery.

Unit Dimensions



Specifications

Model STI-2

Firing Capacity		One length of Shocktube using the Shocktube Electrode.
Electrode Life		Approximately 350 firings.
Firing Mechanism		Spring return key switch.
Charging Time		1-4s.
Battery	Type	PP3 9V Alkaline.
	Capacity	2000 firings.

Mechanical Data

Unit Dimensions	STI-2	120mm x 82mm x 40mm.
	Shocktube Electrode	Diameter: 14mm reducing to 11mm. Length (excluding 100mm leads): 18mm.
	Side Cutter	78mm x 125mm x 13mm.
	Shocktube Cutter	27mm x 25mm x 81mm.
	Case	325mm x 275mm x 55mm.
Unit Mass	STI-2	0.47kg.
	Shocktube Electrode	4g.
	Side Cutter	64g.
	Shocktube Cutter	21g.
	Unit in Case	1.12kg
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.