



## HR-X1

*Scorpion* Solid-State Electronic Non-Electric Initiator

MECHANICAL	
Case Material	Urethane Plastic
Case Size	3"W x 5.25"L x 1.7"D (7.6cm W x 13.3cm L x 4.3cm D)
Weight	15 oz. (.42kg)
Case Color	Black
Hardware	HD Black Nylon Plastic, SS 'D' Rings, Neck Strap
Shock Tube Connector	Replaceable. Fits tubing with an inside diameter (I.D.) range of 0.036 to 0.045 inches with an outside diameter (O.D.) of no more than 0.125 inches
Switch Guard	Protected Recessed Pushbutton
Waterproof	Yes. Sealed Electronics
ELECTRICAL	
Min Firing Voltage	2500 VDC
Min Firing Energy	0.5 Joules
Charge/Fire Cycle Time	Approximately 2 seconds
Safe Indicator	High Intensity Green LED
Fire Control	Electronic
POWER SOURCE	
Powered by	Alkaline Heavy Duty 9V
Polarity	Indicated if wrong by Red Blinking LED
Waterproof	Yes
Compartment Cover	1 Step Easy-on Easy-off. No tools required.



neck strap standard

### Non-Electric Initiator:

DO NOT connect tubing until ready to initiate. Thread the Non-Electric tubing through the lanyard hole located on the side of the STC (Shock Tube Connector). Then, loop tubing upward and insert tubing into the top-center neck of the STC. Insert tubing until it firmly seats over and completely envelops the STC electrode. DO NOT attempt to initiate the Non-Electric tubing if the STC electrode is not inserted fully into the tubing.

### To Operate:

When prepared to initiate, depress and hold the 'ARM' pushbutton located on the left of the HR-X1. The 'READY' LED will illuminate. While maintaining pressure on the 'ARM' pushbutton depress and hold the 'FIRE' pushbutton located on the right of the unit. The HR-X1 will charge and fire the STC in approximately 1 to 2 seconds.

**Caution:** DO NOT relax pressure on the 'ARM' pushbutton while depressing the 'FIRE' Pushbutton.

### To Abort:

At any time release pressure on the 'ARM' pushbutton.

NEVER use the HR-X1 as an alternate energy source on equipment for which it was not designed.

Never use a damaged or questionable machine. EIT Corporation repairs all units which it produces.