

Electronic Exploder (Mini-Shrike) ECi-161



Single circuit Electronic Exploder; is a light weight two hands fire system. It provides the same reliability of four circuit Shrike. It can check the continuity of firing circuit. The unit is primed before fire and the firing is done by simultaneous pressing of the fire and prime buttons. The firing circuit remains inhibited till the system is not fully primed.

It provides sufficient energy to overcome a total parallel-wired circuit load up to 400 ohms. This is the load of a standard demolition cable of 6 Km.

- Firing circuit continuity test facility.
- Indicator LEDs - to confirm continuity OK and confirm Primed.
- Safety recessed pushbuttons for Test, Prime and Fire.
- Two pushbuttons need to be depressed with two hands to fire.

Item	Specification	Item	Specification
Output Volts	350 V	Operating temp	-20°C to 60°C
Output current	10 A peak	Storage temp	-40°C to 60°C
Tim to prime	Less than 4 sec	Number of firings	> 100 per batteries
Output Load	400 Ohms	Weight	Less than 0.3 Kg
Output connections	Option-1 Spring Loaded push button. Option-2 Self- Piercing connectors (no need to crimp wire ends).		
Battery	Standard Model ECI-161 with PP3 battery. Rechargeable Model ECI-161C with built in battery.		
Dimensions	160 x 65 x 45 mm		
Firing load	Up to 400 Ohms		
Cable length	Fire upto 6 Km of DEF STAN 61-12 Part 17 cable		

Optional Accessories

Demolition cable. DEF STAN 61-12 Part 17 conforming Demolition cable are offered on reels and on the specialized requirements of any client.



Conductor					Finished Cable		
No. of Strands	Strand Dia mm	Insulation Thickness mm	Dia. Mm	Mean O/Dia. of each core mm	Dia over sheath. Mm	Conductor DC Resistance @ 20°C	Weight Kg/Km
24	0.2	0.65 nom	2.44 nom	Lower Limit 2.39 Upper Limit 2.49	4.88 nom	26 ohm/km	28 Apprx.
Part no			100 meters reel - AEDC-100 250 meters reel - AEDC-250 500 meters reel - AEDC-500				