



HB-320

Scorpion Solid-State Electronic Blasting Machine

Mechanical	
Size	3"W x 2"D x 6"H (7.6cm W x 5.0cm D x 15.2cm H)
Weight	28 oz. (.79kg)
Color	Yellow
Hardware	HD Black Nylon, SS 'D' Rings
Case Features	Waterproof, Impact Resistant, Rugged Compact design, Recessed Protected Pushbuttons, Quick Connect Binding Posts (not pictured), Easy 1 Step Battery Compartment
Power Source	4 - "AA" Alkaline Batteries
Operating Temperatures	Operating: -20°F - 140°F Storage: -45°F - 180°F
Electrical	
Output Voltage	330 VDC
Output Energy	19.0 Joules
Firing Capacity	220 Ohms*
Connection	Quick Connect Binding Posts
Ready Indicator	High Intensity LED
Charge/Fire Cycle	5-6 seconds



Neck Strap Standard

* Circuit requiring 1.5A and 2mJ/Ohm for initiation

Operation:

To Test:

Always check blasting circuit with appropriate for blasting test device prior to connecting to Blasting Machine. Before connecting to blasting circuit, depress 'CHARGE' switch until 'READY' light illuminates. While maintaining pressure on 'CHARGE' switch depress 'DETONATE' switch. 'READY' light should extinguish immediately.

Caution: Do NOT relax 'CHARGE' switch when depressing 'DETONATE' switch. The dual switch firing circuit assures the blaster's intent to initiate.

When 'READY' light fails to illuminate within 15 seconds, replace the 4 "AA" Cell Batteries accessible through the battery cap located on the right side of the unit.

To Fire:

Connect Blasting Machine to blasting circuit and repeat 'CHARGE' AND 'DETONATE' sequence as in 'To Test.'

NEVER use the HB-320 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.

Output oscillographs are recorded for every machine. If a copy of these test traces is required please contact EIT Corporation.