EIT CORPORATION

HB-55

Scorpion **Solid-State Electronic Blasting Machine**

Mechanical	
Size	3"W x 1.5"D x 4"H (7.6cm W x 3.81cm D x 10.13cm H)
Weight	15 oz. (.42kg)
Color	Yellow (Available in black)
Hardware	HD Black Nylon
Case Features	Waterproof, Impact Resistant, Rugged Compact design, Pushbutton Switch Protectors, Quick Connect Binding Posts, Easy 1 Step Battery Compartment
Power Source	Alkaline Heavy Duty 9V
Operating Temperatures	Operating: -20°F - 140°F Storage: -45°F - 180°F
Electrical	
Output Voltage	220 VDC
Output Energy	4.0 Joules
Firing Capacity	135 Ohms*
Connection	Quick Connect Binding Posts
Ready Indicator	High Intensity LED
Charge/Fire Cycle	2 second

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

Belt Loop Attachment Standard

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 8 seconds , replace the Heavy Duty Alkaline 9V battery accessible through the battery cap located on the right side of the unit. Make note to insure proper polarity when replacing battery.

To Fire:

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

NEVER use the HB-50 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.

E.I.T. Corporation
1406 State Route 61 * P.O. Box 744
Sunbury, PA 17801 USA

www.eit-corp.com

Tel.: (570) 286-7744
Fax: (570) 286-7409
Toll Free: (800) 235-0264