



HBR-350

Scorpion Solid-State Electronic Blasting Machine

Mechanical	
Size	3"W x 1.625"D x 5"H (7.6cm W x 4.1cm D x 12.7cm H)
Weight	16 oz. (.45kg)
Color	Yellow
Hardware	HD Black Nylon, Kydex
Case Features	Waterproof Electronics, Impact Resistant, Rugged Compact design, Quick Connect Binding Posts (not pictured)
Power Source	4 - "AA" Cell 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	200 Ohms*
Connection	Quick Connect Binding Posts
Ready Indicator	HV Neon
Charge/Fire Cycle	5 seconds



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

Operation:

To Test:

Always check blasting circuit with an appropriate for blasting test device prior to connecting to Blasting Machine. Before connecting to blasting circuit, depress rocker switch to the 'CHARGE' position until 'READY' light illuminates with a bright and even luminescence. Relax pressure on the 'CHARGE' position and quickly move rocker switch to the "DETONATE" position. 'READY' light should extinguish immediately.

When 'READY' light fails to illuminate within 15 seconds replace the 4 "AA" cell batteries accessible through the battery cover located on the back of the machine.

To Fire:

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

NEVER use the HBR-350 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.