



HCCR

Scorpion Solid-State Electronic Large Capacity Blasting Unit
MSHA Acceptance No.: MSHA-LCBU-1

Mechanical	
Size	3"W x 2"D x 9"H (7.6cm W x 5.8cm D x 22.8cm H)
Weight	36 oz. (1.02kg)
Color	Yellow
Hardware	HD Black Nylon, SS 'D' Rings
Case Features	Waterproof Electronics, Impact Resistant, Rugged design
Power Source	4 - "D" Alkaline Batteries
Battery Voltage	4 x 1.5V (6V Total)
Electrical	
Output Voltage	445 VDC
Output Energy	35.0 Joules
Firing Capacity	1 Series of 145 Ohms Total Resistance, or Max. 6 Series of 145 Ohms Each in Parallel Across Lead Lines
Shunt Timing	4.5 to 8 m/sec (Avg 6 m/sec)
Ready Indicator	HV Neon
Charge/Fire Cycle	10-12 seconds



Neck Strap Standard

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 20 seconds replace the 4 "D" 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 HCCR 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.