

## Blasting Machine BB-75

Part no.: 1280008



### Features

#### Easy to use blasting machine for the EOD and fireworks specialist

1. Connect firing line to high-voltage binding posts
2. Hold down ARM switch to charge blasting circuit. The super-bright "Ready" LED indicates the charging procedure by blinking.
3. Once the "Ready" LED lights solid, press FIRE button to send high-energy pulse down firing line.

#### Built-in bridgewire testing circuit

- Less than 800  $\mu$ A maximum current draw, barely 1/60th the maximum allowable safe testing current of 50 mA, as established by MSHA.
- Testing circuit protected by 50mA fuse
- The ONLY blasting box featuring a built-in haptic (tactile feedback) bridgewire continuity tester
- Strong vibrating response provides positive indication, even in direct sunlight and noisy environments
- LED visually confirms continuity and indicates a low-battery (solid light for continuity; blinking for low battery)



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### Intrinsically safe design

- Internally shunted output terminals help protect EBCs from stray EMI – remain shunted until instant of firing
- Auto abort discharges the capacitor upon release of ARM button (prior to firing)
- Bridgewire testing circuit current is less than 1 mA (795 microamps average)
- Fuse protected testing circuit cannot provide more than 50 mA
- Touch-proof output terminals with downward facing inputs reduce risk of shock

### Rugged enclosure

- IP51 Compliant
- Black ABS case with bright-red/orange rubber boot, and sealed switches
- Shock and weather resistant (not designed for wet use due to high-voltage output)

### Technical Data

- Min. firing energy output 375 VDC @ 10.5 Joules; max. output 385 VDC @10.5 Joules
- Capable of firing a minimum of 75 electric blasting caps (EBCs) connected via 1000 m of two-conductor 0.75 mm<sup>2</sup> copper firing line (tested through 340 ohms)
- Uses standard 9-Volt battery
- Dimensions 8.9 cm x 16.5 cm x 3 cm
- Weight 326 g