

## MODEL QB-3

### Mag Shot Duration Timer

**Scientific Instruments' QB3** measures the duration of the mag shot, using a non contact method, by actually measuring the duration of magnetic field in the coil of the mag unit.. The QB-3 shot timer can measure all AC, DC, Full Wave, Half Wave, single phase and three phase waveforms

The QB3 can accurately verify the correct shot duration of the of the mag units. The QB-3 probe is placed inside the coil (or in line with a cable wrap) during a magnetizing shot. and shot time is captured and displayed on the LCD display. You can also use the QB-3 to measure shot time on a power pack, by placing the probe across one of the output cables

The QB-3 can trigger and measure shot duration even as low as 50 amps, which useful for customers who magnetize small parts and must include measuring the shot time at 3 different output current ranges, which encompass the usable range, as required now by Nadcap

### Features & Advantages

- ◆ Measurement of shot time with .01 second resolution
- ◆ Most sophisticated and accurate shot timer in the industry ◆
- ◆ Can ewven measure shot time in a cable for power pack
- ◆ .LCD display with large easy to read digits
- ◆ NIST traceable certification and 3 Year warranty included
- ◆ .Meets or exceeds Meets mil spec M-6867C



**QB-3 Shot Timer**

### Specifications

Power Source: 9 Volt Battery

Shot Timer Accuracy: 1% of reading, +/- 2 counts

Shot Timer Resolution: .01 seconds

Shot Timer Range: .20 to 2.80 seconds

Operating Temperature: 0 —40°C

Cable Length: 6 ft

Dimensions: 10" X 4" X 2"

Weight: 2 lbs

Compliance: Meets ASTM E709, ASTM E1444, ASTM E3024