

## Shot Timer & Quick Break Tester

**Scientific Instruments' QB2-Plus** measures the duration of the magnetizing shot and provides a quantitative verification of Quick Break function. Both Shot time and Quick Break voltage are shown on the LCD display after each shot event.

The QB2-Plus can accurately verify the correct shot time duration of AC, HWDC, and FWDC single or 3 phase equipment, and verify Quick Break function on single phase and 3-phase FWDC units. The QB2 probe is placed inside the coil (or perpendicular to a output cable) during a magnetizing shot. Quick break voltage and shot time are captured and displayed on the LCD display.

Using the QB-2 Plus to check your single phase and 3-phase FWDC magnetic particle inspection equipment will help ensure residual field is properly developed during processing and gives sharper resolution of transverse indications.

### Features & Advantages

- ◆ Measurement of shot time and quick break
- ◆ Most sophisticated and accurate shot timer in the industry
- ◆ Microprocessor control analyzes quick break pulse waveform
- ◆ Provides actual digital readout of quick break voltage
- ◆ Quick break voltage reference chart on back of enclosure
- ◆ More accurate than "Go/No go" LED's or neon bulb detectors
- ◆ 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-2 Plus; Shot Timer & Quick Break Tester**

### Specifications

Power Source: 9 Volt Battery , 40hrs with lithium battery

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

ShotTimer Resolution: .01sec.

Mag shot duration range: .20 to 6.00 sec.

Quick Break Accuracy: 1 % of reading +/- 2 counts

Quick Break voltage resolution: .1 volts

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