



This unit is specifically designed to control the firing of a Generator-Injector (GI) type single air gun source.

It is a totally integrated unit, which enables the GI gun to fire with maximum efficiency, and give the best possible pulse output, by allowing both the trigger delay and trigger pulse width to be adjusted over a wide range.

The power supply is designed for a fast firing cycle, for high-res surveys.

Multiple indicators show the static and dynamic state of each trigger line

It includes several other useful features, such as versatile input triggering, timebreak threshold control and buffering, choice of timebreak outputs, 'safe-arm', and a front panel test fire button.

The standard unit fits into a 2U instrument rack, or case.



front panel

Specifications

- Trigger delay – 10ms to 99ms in 1ms steps.
- Trigger pulse width – 5ms to 50ms in 5ms steps.
- Solenoid voltage – adjustable up to 60V DC.
- Safety fuses on solenoid outputs.
- Arm-disarm switch on each solenoid.
- 4 indicators per solenoid – ‘disarmed’ ‘HV on’, ‘fire’ and ‘confirm’ (current monitor).
- Trigger Input modes – positive pulse, negative pulse, closure.
- Vandal proof test Fire button, to prevent accidental firing
- Input timebreak (gun hydrophone) threshold adjustment
- Internal timebreak out and gun timebreak.
- 120 / 240 Supply, selectable.



rear panel

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