



TRIPLE-CHANNEL REMOTE TIMER UNIT TYPE 817

Simple, Direct Accuracy



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The Triple-Channel Remote Timer Unit Type 817 is a precise, microprocessor-based instrument, which provides direct measurement of projectile velocity and rate of fire.

Using crystal-controlled chronometer channels, this unit provides highly accurate and reliable measurements which, when combined with the software package, produces impressive ballistic analysis potential.

HIGHLY ACCURATE AND RELIABLE

HARDWARE/SOFTWARE

- **Crystal-controlled chronometer channels** each have a time resolution of 100 nanoseconds, producing high accuracy velocity measurements.
- **Three Independent Chronometer Channels** can each provide velocity or time-of-flight and rate-of-fire.
- **Integrate Software Package** is available, providing accuracy velocity, rate of fire, and pressure data.
- **Software** allows for remote control of the unit, and retrieval of all data, which may be stored to disk and printed out.
- **Muzzle Velocity** and intermediate velocities are all calculable using the Ballistic Coefficient, when more than two detectors are used.

SPECIFICATION

HARDWARE	
Frequency Standard	<ul style="list-style-type: none"> • 10MHz crystal oscillator • Stability of 0.0025% over temp range -20°C - +80°C • Long term stability 10 ppm per year
Store Capacity	<ul style="list-style-type: none"> • 256 Velocity/Time measurements • 257 Rate of Fire measurements
Rate of Fire	30,000 rpm max.
POWER/COMMS	
Power	10V-36V DC
Connections	<ul style="list-style-type: none"> • Up to six Optical Detectors Type 858 • Data connection to processor
ENVIRONMENT	
Operating Temperature	-10°C - +50°C [14°F - 122°F]
DIMENSIONS	
L x W x H	350mm x 140mm x 280mm [13.8in x 5.5 in x 11.0in]
Weight	5kg [11.0lbs]

USED WITH



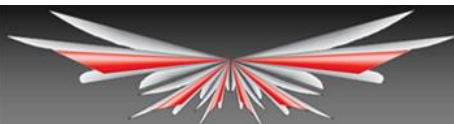
Acoustic Detector Type 588



Flash Detector Type 768



Optical Detector Type 858



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Precision, Expertise, Quality

- Professional Bespoke Range Designs
- State-of-the-Art Product Rendering
- Only the Latest Standards



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