



Adaptable, Instant Sensitivity



TRACER DETECTOR TYPE 818-250

For the detection of tracer ignition and burn distance, the Tracer Detector Type 818-250 is an ideal unit. This unit is set out on stands at Pass/Fail intervals down a range and is used with the 818-100 GPS Synchronized Timer Unit to measure the timing of tracer illumination. This then can be used to calculate the average velocity between sensors so that a velocity trend can be seen as a projectile loses mass of burnt tracer compound.

COMPACT AND RELIABLE

HARDWARE/SOFTWARE

- **Detector** provides an output signal in response to a brief light pulse in a broad field of view.
- **GPS Synchronized Unit Type 818-100** provides the detector with power and allows adjustment of sensitivity.
- **Event Distinction** means the system ignores slow events, such as flicker from fluorescent lighting.
- **Built-In Test Facility** allows system function to be checked prior to operation.

SPECIFICATION

HARDWARE	
Wavelength Spectral Range	450nm to 700nm
Peak Spectral Response	700nm
Field of View	20°
Min. Detectable Flash Duration	3µs
POWER/COMMS	
Power	10-30V DC
Power Supply	GPS Synchronized Unit 818-100
ENVIRONMENT	
Operating Temperature	-25°C - +60°C [-13 °F - +140 °F]
Humidity	The unit is sealed
DIMENSIONS	
L x W x H	120mm x 120mm x 100mm [4.7in x 4.7in x 3.9in]
Weight	1.85kg [4.1lbs]

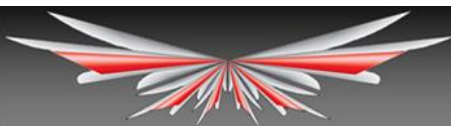
USED WITH



GPS Synchronized Timer Unit Type 818 100



6 Channel Timer Unit Type 817



MS INSTRUMENTS Range Consultancy

Precision, Expertise, Quality

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



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