ACOUSTIC DETECTOR TYPE 588

Compact and Rugged

ACOUSTIC DETECTOR TYPE 588

The Acoustic Detector Type 588 is a solid and reliable unit that provides an output pulse in response to a large amplitude acoustic disturbance. The unit can therefore be used to detect muzzle blast, supersonic projectile shockwave or similar disturbances that enable the detector to trigger other events, measure rate of fire or measure projectile velocity using 817 timer units.

The versatile unit has the facility for local and remote use up to 200m, as well as diagnostics, making it a useful addition to any ballistic environment.

SOLID AND RELIABLE

SPECIFICATION

CONFIGURATIONS	
Power	10 – 30VDC (250mA)
Power Supply	• Detector Power Unit Type 783. • Multicore Cable
Pulse Output	• Line driver to Detector Power Unit Type 783. • BNC Output: +ve 1ms TTL pulse.
Connectors	19-way combined power and signal
DETECTION	
Typical Detection Wave at 10m	Measured at maximum sensitivity using shockwave produced by a 7.62mm projectile at 800ms^{-1}

Max. Rate of Fire	**1500rpm (may be increased)**
ENVIRONMENT	
Operating Temperature	-10°C - +50°C *[14°F - +122°F]*
Humidity	Seals unit with desiccator/indicator fitted
Enclosure Type	IP 67

USED WITH

Ballistic Data Acquisition System Type 680

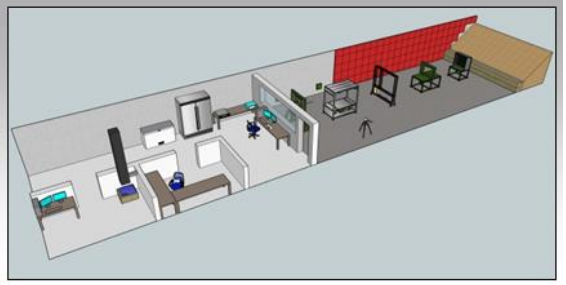
Pressure Measurement Unit Type 683

Rate-of-Fire Computer Type 807

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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ISO 9001 SCS cert. No. 980010
588-acousticdetector - Oct-15

The information in this document is correct at the stated time. MS Instruments Ltd has a policy of continuing development and reserves the right to make design changes/improvements to the products.