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projectilevelocitymeasurementsystem-pvms - Jul-17

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.

PROJECTILE VELOCITY MEASUREMENT SYSTEM (PVMS)

“The PVMS combines the extraordinary accuracy of MSI’s Type 858 Optical Detectors with the sophisticated KINETIC variation of the ubiquitous Ballistics DB Software.”

- Projectile detection can occur at a height of up to 500 times the projectile calibre, from 10ms⁻¹ to over 5000ms⁻¹ with 0.05% accuracy.

- Computer Interface Unit Type 570-070
  - USB connectivity to MSI equipment
  - Cost and energy saving automatic power off
  - Clearly indicated, robust ports

- Range Processor Type 663(n)
  - High performance computer
  - Latest Windows Pro operating system
  - Ample memory and hard disk space

- Intelligent Infrared Light Source Type 788
  - 240 infrared-emitting diodes.
  - Diffuser produces uniform radiation
  - Optional computer control

- Triple-Channel Remote Timer Unit Type 817
  - Direct measurement of velocity and rate of fire
  - Crystal-controlled chronometer channels
  - Ballistic Coefficient use with multiple detectors

- Optical Detector Type 858
  - Start and stop detectors identify projectile
  - Ambient light compensation and versatile installation
  - Tracer and forensic applications

- Ballistics DB Control Software Type 950-571
  - Velocity and rate-of-fire measurement
  - Retrieve all data for storing and/or printing

Start and stop detectors identify projectile
Ambient light compensation and versatile installation
Tracer and forensic applications

Optical Detector
Type 858

Computer Interface Unit
Type 570-070

Range Processor
Type 663(n)

Intelligent Infrared Light Source Type 788

Triple-Channel Remote Timer Unit Type 817

Ballistics DB
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