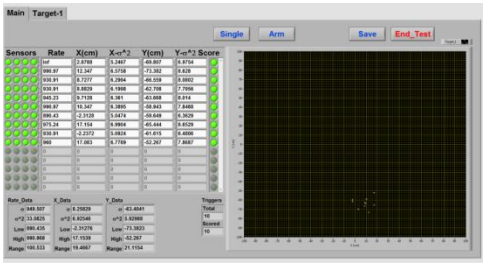
KIST Sonic Score

Background: The Keep it Simple Technology Sonic Scoring System was designed to fill a need in the small arms testing community. Typical accuracy and dispersion testing is conducted using hard targets that must be hand scored. This process is time consuming and expensive both in man hours and target material. Movement of targets during testing and human error can lead to poor data quality. In all testing, consistency is the key to quality data. The testing of weapon systems is no different. Electronic scoring systems are known to greatly improve data quality, as well as, reduce cost and test time.

Sonic Score: The Sonic Score incorporates the following functions necessary for Small Arms testing:

- Configurable Frame
  - 1m-10m
  - Programmable Sensor Locations
- Piezoceramic Sensors
  - Small
  - Weather Resistant
  - Multiple Gain Options For Larger Target Areas
- Control Module
  - Small
  - Lightweight
  - Rugged
  - 2500m Transceiver
  - Simple To Setup
  - 110VAC or 12VDC
- Control Software
  - Intuitive Design
  - Real Time Data
  - Data Quality Evaluation
  - Auto Rejection of Bad Data
  - Ballistics Data Summary
    - Extreme Spread
    - Mean Radius
    - Horizontal Range
    - Vertical Range
  - Shot Accuracy less than 1 cm

Control Module



Front Panel – Good Data

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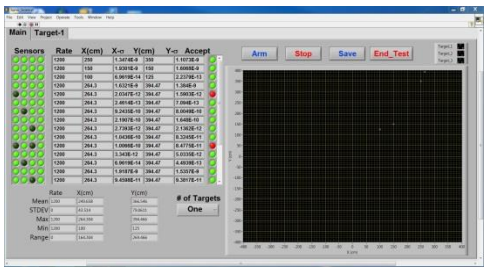

Front Panel – Rejected Rounds

Options: In addition to the features discussed above, two options are available to enhance the systems performance.

First, the Control Module can be fitted with a temperature/relative humidity sensor. This data is logged each time the system is armed and is used to improve the accuracy of the system.

Second, additional microphones can be added to record the velocity at the target.

Please feel free to contact us for current pricing or with any other testing needs.

Common Sense, it's Not Complicated

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