



Product Sheet

Automated Ground Scoring Station

AUTOMATED GROUND SCORING STATION

The Automated Ground Scoring Station (AGSS) is an easy to-use Miss Distance scoring system that provides high accuracy auto-scoring with minimal training requirements. The system is a rugged complete scoring solution that is field-proven and ideal for gunnery training and weapons assessment for surface and dynamic airborne targets. It is a highly portable system that can be easily set up and ready to support mission operations in less than five minutes. The AGSS receives scoring event information from the airborne Miss Distance Scoring Sensor (MDSS) using existing range telemetry or the Kratos telemetry receiver.

The core of the AGSS is the AutoScore application, an intuitive software that takes the raw scoring data and analyzes it for accurate results within seconds of a scoring event. AutoScore also has features for noise reduction, manual scoring, and exporting both raw telemetry and scoring results.

The complete Kratos Scoring System Suite (SSS) provides a complete turn-key solution where the user can AutoScore the miss distance, relative velocity, and time of closest approach between the target and projectiles. This scoring system is a necessity for advanced training and weapon assessment. As a training tool users will get immediate feedback of their firing performance as well as objective measurement weapon system operator skills.



Features

- Auto-scoring
- 0 to 75 feet scoring range
- 1 foot scoring accuracy
- Multiple target application
- EMI qualified to MIL-STD-461
- Sea Skimming or High Altitude

Applications

- Vehicle Miss Distance Scoring

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Characteristics

Time to Display Score:	Within 5 minutes of each scoring event
Range:	Line Of Sight (LOS) system to 30mi (48km) – dependent on altitude, obstacles, etc.
Accuracy:	+/- 1 ft RMS (.30m)
Projectile Passage Range:	0 to 75 ft (0 to 23 m)
Rate:	Up to 90 projectiles per minute
Minimum Projectile Size:	From 50 Caliber and up (12.7mm and up)
Closing Velocity:	200 to 8,000 ft/sec (60.96 to 2438.4 m/sec)
Time of Miss Distance:	+/- 0.5 msec
Operator Displays:	Miss Distance, Time of Miss Distance, Plot of Closing Velocity vs. Time
Data Storage:	All raw telemetry data and calculated parameters are stored for each event
Telemetry Frequency Range:	1429 MHz to 1545 MHz (L-Band) or 2185 MHz to 2485 MHz (S-Band)
Telemetry Sensitivity:	-85 dBm
Telemetry Demodulation:	PCM NRZ-L, Up to 7 Mbps
Temperature:	
Input Voltage:	Operating: +5° C to +40° C
Power:	115 VAC, Single Phase
Dimensions:	200 Watts 7" H x 19" W x 24.5" D

AutoScore the miss distance, relative velocity, and time of closest approach between a target and projectile. AutoScore is an industry first, providing results within minutes of a scoring event, saving the end user valuable time while evaluating mission success/failure.

