Large Area Acoustic Targets

The SABRE Ballistics Large Area Acoustic Targets are high performance targets that have many advantages for proof and experimental applications.

An array of sensors are used to detect the shock wave generated by supersonic projectiles. The trajectory of the projectile is then calculated so that the shot coordinates (in the target plane) and the projectile velocity can be determined.

Processing on the target makes it possible to use simple digital cabling. Alternatively, a low power spread spectrum digital radio link system (shown in photo) can be optionally selected when the targets are located some distance from the processing and firing point.

The use of eight sensors allows the target to measure and compensate for firing off axis (ie non normal to the target plane).

Two sizes of measurement base are available, depending on the area and calibres to be measured.

For optimum accuracy, temperature measurements are automatically made and incorporated in the processing of results.

Extensive self test facilities are incorporated to ensure the highest integrity of operations.

Both systems are used together with a SABRE Integrated Range Instrumentation System for more extensive instrumentation applications.

OPEN SYSTEM FOR LARGE AREA

EASILY PROTECTED – LOW PROFILE

INSTANTANEOUS DISPLAY OF SHOTS

OPTIONAL RADIO LINK

COMPREHENSIVE SELF TEST

COMPUTER INTERFACE

SABRE Ballistics

The Village, Caterham Barracks, Coulsdon Road, Caterham, Surrey CR3 5QX UK Tel:+44(0)1883 33 22 00 Fax:+44(0)1883 33 22 10
Web:sabreballistics.com Email:info@sabreballistics.com