



MS Instruments Ltd is a high technology company whose major activities are in design and manufacture of Ballistics Instrumentation and Training systems. In this specialist field the company is one of the major suppliers in the world.

The company supplies Automatic Training Systems to the Army and Police forces as well as Air and Sea Forces.

Our Acoustic Target type 530 was selected to instrument NATO Weapons Trials, as was our Projectile Velocity Measuring System. Well over 1500 Velocity Measuring Systems have been produced to date.

All the standard Product Range has been developed under Private Venture and as Design Authority the Company maintains logistic support and an after sales service.

MS Instruments Ltd have designed and supplied special instrumentation for the light gas gun located at DSTL Fort Halstead in the UK. The instrumentation comprises hypervelocity velocity measuring equipment, including X-ray detectors, special trigger units and advanced Image Measurement equipment for damage assessment studies.

MS Instruments Ltd has also been responsible for a number of large and successful 'turn key' projects in the ballistic field. In the UK, Royal Ordnance, were using a complete weapons testing facility for over 12 years that was specially designed for them. MS Instruments Ltd also supplied the quality control software for this project. Similar systems have been supplied to Eley Ltd., and to various Qinetiq establishments.

Overseas, similar complete weapons testing facilities have been supplied to The Austrian Government; FFV Sweden; Dutch MoD; Egyptian Government; Singapore MoD; Indian MoD; and Malaysian MoD.

Training systems have been supplied to the UK Armed Forces, Police and Royal Air Force as well as the following countries: The Malaysian Army, Qatar Armed Forces, Saudi Armed Forces and Police, Singapore and Indonesian Air Forces, Dutch Army and German Army.

Our designs have been supplied to a number of systems integration companies worldwide, including HPI (formerly AVL), DRS Hadlands, Hadland Photonics and Spescom.

We also design and manufacture special airborne computers for hostile fire detection. The Hostile Fire Indicator was fitted to Army Air Corps helicopters for service in Northern Ireland. The equipment detected hostile fire and provided the pilot with an alarm and direction information. This equipment has also been sold to a number of overseas airforces for use in UN peacekeeping operations.

MS Instruments Ltd design and code all of the high-integrity scientific software that is used on the computers supplied by the company.

The Company designs and manufactures advanced Image Measurement Systems for Industrial Quality Control. The Image Measurement Systems use novel hardware and software to measure complex industrial components rapidly and to an accuracy of better than five microns.

MS Instruments Ltd.

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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.



True to its constant objective of innovation in its field, the company created its website in October 1995. The site was the first of its kind in the Industry and can be found at <http://www.msinstruments.co.uk>. In October 2000, the company acquired Wiltshire Ballistic Services. This is a dedicated ballistic test facility and indoor trials and demonstration range located in a modern 200m tunnel in Devizes, Wiltshire. Further information can be found via the web-site at <http://www.wiltshireballistics.co.uk>.

NIMBUS Covert Protection System – Non-Lethal Deterrent

In response to the ever-increasing threat to troops and security forces, MSI has developed a turn-key Covert Vehicle Protection solution, designed specifically to protect the driver and passengers of a vehicle or convoy of vehicles in the event of an insurgent attack or kidnapping attempt. MSI has designed special performance smoke and flash/bang grenades in a system, which is effective, cheap and has no side effects. It is hidden underneath the vehicle and the grenades are fired via a control panel placed inside the cabin. Retrofitting to existing vehicles takes around three hours.

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