



Instant, Effortless Precision



CHAMBER TARGET TYPE 519

The MSI Chamber Target Type 519 provides trainee and experienced shooters alike with a cost-effective and accurate training system.

This precision target replaces traditional methods of measurement, and removes all the associated problems, thus saving time, reducing error, and increasing safety. Equally suitable for indoor and outdoor use, the systems require little maintenance once installed.

The MSI Chamber Target Type 519 is an easy piece of equipment with which to work, and makes weapons testing faster and better.

SAVING TIME, REDUCING ERROR, AND INCREASING SAFETY

SPECIFICATION

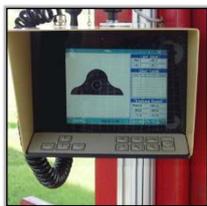
CONFIGURATIONS	
Power	12 VDC
Output Data	True XY Cartesian coordinate data
HIT SENSORING	
Projectile Velocity	Subsonic and supersonic projectiles
Hit Frequency	Up to 6000 rpm
Active Target Area	1.2m x 1.2m standard
Calibre Type	All small-arms calibres
Measurement Accuracy	±1mm
ENVIRONMENT	
Operating Temperature	-10°C - 50°C [14°F - 122°F]
Humidity	The unit is fully sealed against the ingress of moisture
Wind and Rain	The performance of the target is unaffected by normal ranges of wind and rain

HARDWARE/SOFTWARE

- **Pair of sensor arrays**, mounted in a delta format with a set distance between them, sense the shockwave generated by the projectile.
- **Arrays are mounted** inside a wooden framed target.
- **Generated signals** are used to calculate the position of the shot with respect to the target.
- **Calculated position of the shot** is transmitted down the range cabling to the MSI Range Processor Type 663, from where it is also sent to the Shooters Monitor for display to the firer.
- **Comprehensive user-friendly software package** gives a graphical display of the shot locations and zeroing information.
- **Rubber** is positioned around the frame to give a zero-wind detection system for the automatic sensors. This allows the acoustic sensors to operate in the subsonic as well as supersonic regions.
- **Rubber panel** is the continuous and may be rotated to allow re-use.
- **More than 3500 rounds** can be fired at the target before the material needs replacing.

- **Target can be configured** into systems with a single processor addressing 12 or more targets.
- **Visible target** is normally the user's target outline, for example 10-ring or figure 11 targets.

USED WITH



Shooters Monitor Type 292-001



Remote-Control Transceiver Type 573



Range Processor Type 663

MS Instruments Ltd.

Unit 4, Ravensquay Business Centre, Cray Avenue
Orpington, Kent, BR5 4BQ, United Kingdom
Tel: +44 (0)1689 883 020
Fax: +44 (0)1689 871 392
contact@msinstruments.co.uk
www.msinstruments.co.uk

ISO 9001 SCS cert. No. 980010
519-chambertarget - Aug-15

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.