

MINI RETS RANGE

LASER MARKSMANSHIP TRAINING SYSTEM

Prepare your soldiers for the challenges of the qualification range with the **Mini-RETS Range**.



Soldier training with M16 rifles and MP-400 Laser Transmitters firing at camouflaged Mini-RETS lifters with TR-700 Targets

“When practice record fire is correctly conducted, all soldiers gain valuable experience and become more confident in engaging combat targets.”

– Army Field Manual FM 23-9

The LMTS™ Mini-RETS Range includes all of the equipment needed to set up a miniature field fire range or to conduct practice record fire at home station. The computer controlled system raises and lowers scaled targets in accordance with the Army standard courses of fire. Target hits automatically drop the target and are scored with the system producing a Record Fire Scorecard (DA Form 3595-R) for each soldier at the end of the training session. The Mini-RETS is compatible with non-toxic SafeShot® ammunition adding the realism of sound and smell with semi or fully automatic fire. Targets and target lifters are battery powered.

Any compatible PC can control the Mini-RETS Range. The system and software is user friendly and can handle 1 to 21 targets (3 Firing Lanes) in all or independently for any time period you specify.





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The LMTS™ Mini-RETS Range TR-700 targets come with scaled E-type target masks to present Army standard targets at the appropriate scaled ranges. Target placement should be in accordance with Section G of the FM 23-9. TABLE 1 provides the information needed to position the targets at the appropriate scaled distances. The miniature target lifters can be camouflaged/hidden using sandbags and other readily available items to enhance training realism. Operates actual Army record fire course of fire. Allows user to build their own scenario for specific training needs. Scores results while shooter is firing course of fire. Identifies trainees target acquisition problems, i.e. Double exposures, 300 meter target acquisition.

TABLE 1

Actual	Target	Scaled
Firing Point		0m
50 meters	F	4.16m
100 meters	F	8.33m
150 meters	E	12.5m
200 meters	E	16.6m
250 meters	E	20.8m
300 meters	E	25.0m

LIFTER SPECIFICATIONS

LENGTH 8.5 Inches
 WIDTH 5.5 Inches
 HEIGHT 5.5 Inches
 WEIGHT 4.8 lb..

SYSTEM COMPONENTS

Each Mini-RETS Range includes the following components and all necessary cables:



(7) Lifter Units



(7) TR-700 Targets



(1) Main Control Box



(1) Silhouette Mask Set of 7

MPRI

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L-3. Leading. Headquartered in New York City, L-3 Communications employs over 63,000 people worldwide and is a prime system contractor in aircraft modernization and maintenance, C3ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems and government services. L-3 is also a leading provider of high technology products, systems and subsystems. The company reported 2006 sales of \$12.5 billion.

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