

AIMTEST™ 76mm



AIMTEST™ 76mm is a simple, robust and effective sub-caliber, in-bore gunnery training system designed, developed and tested for use in combat vehicles with the 76mm L23A1 main gun.

The Leader in Live-Fire, Sub-Caliber Gunnery Training Systems for the World's Armored Forces

Features & Benefits

- Designed for full-scale, live-fire gunnery training of armored vehicles.
- Drastically reduces training ammunition costs. Allows main-gun training on either full-scale or small arms range facilities.
- Simple installation, operation and maintenance ensures efficient crew training.
- Excellent individual and collective sub-caliber gunnery training system for static fire or fire and maneuver training.
- Built-in Anti-Roll System to prevent rotation of the device in the breach.
- Precision Barrel Assembly installs into the main gun chamber.
- Developed on a "Train as you Fight" basis, reducing any negative training.
- Integrated Electrical Harness and Fire Control Integration Box (F.C.I.B.) that connects to and utilizes the vehicle's fire control system.

AIMTEST is fielded in the following countries:

-  Australia
-  Bahrain
-  Belgium
-  Brazil
-  Chile
-  Denmark
-  Egypt
-  Finland
-  Greece
-  Iraq
-  Jordan
-  Morocco
-  Oman
-  Saudi Arabia
-  Spain
-  United Kingdom
-  United States





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AIMTEST™ 76mm is the cost-effective solution required to “bridge” the training gap between simulators and main gun live-fire training to include urban gunnery training.

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Detailed Specifications

RANGE:
Max Effective Range: 1500m with M20 API-T / M17 Tracer
200m with M860 SRTA

RECEIVER, BOLT and SOLENOID ASSEMBLY:
Action Type: Bolt Action, Single shot
Length: 12-3/4 inches / 32.4 cm
Weight: 17 lbs / 7.7 kgs

BARREL ASSEMBLY:
Precision machined Barrel & housing adapters Heavy cal. .50 (12.7 X 99mm)
Length: (w/ flash diverter) 36 inches / 91.4 cm
Weight: 35 lbs / 13.6 kgs

FIRING ASSEMBLY:
Rate of Fire: Single shot
Firing Assy Connectivity: Vehicle’s existing firing circuit
Firing Mechanism: Manual, electrically actuated solenoid

SOLENOID ASSEMBLY:
Operational Voltage Range: 24 VDC (18-32 VDC)
Operational Temperature: -40 - +125 degrees Fahrenheit
-40 - +52 degrees Celsius
Operational Force: 52 daN (116 lbs.) - Maximum
45 daN (100 lbs.) – Normal

SAFETY: Utilizes Main Gun Safety System



- Excellent individual and collective gunnery training device for full, scaled and urban ranges.
- Environmentally friendly with small noise signature and reduced range requirements.
- Rapidly and easily installed in approx. 10 minutes, saving valuable range time.
- Fires any NATO standard cal. .50 ammunition.
- A “Train as you Fight” device requiring little initial training to operate.
- Uses vehicle’s own Fire Control System without harm to Fire Control components.
- Easily maintained and deployed at unit level.



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