

AIMTEST-SA 105/120/125mm



AIMTEST-SA is a simple, robust and effective sub-caliber, in-bore gunnery training system. The AIMTEST-SA device is designed for the 105/120/125mm Main Battle Tanks and MGS armored fighting vehicles using an auto-loader cannon. The AIMTEST-SA is built on the proven technology of our extremely accurate AAC barrel assembly.

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 main battle tanks (MBT).
- Drastically reduces training ammunition costs. Allows tank 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 within the breech.
- Precision Barrel Assembly installs into the main gun chamber.
- Developed on a "Train as you Fight" basis, reducing any negative training.
- Integration system 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



AMX-56 Leclerc, 120mm



T-72/T-90 2A46 125mm



M68A1 Stryker MGS 105mm



K2 Black Panther L55 120mm

AIMTEST-SA 105/120/125mm



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Detailed Specifications

RANGE:

Max Effective Range: 2000m with M962 SLAP-T
1500m with M20 API-T / M17 Tracer
200m with M860 SRTA

RECEIVER, BOLT and SOLENOID ASSEMBLY:

Action Type: Semi-Automatic Receiver,
Actuator driven Bolt Assembly
Magazine hold up to 20 Rounds

Length: 25 1/2 inches / 64.8 cm
Weight: 17 lbs / 7.7 kgs

BARREL ASSEMBLY (internal re-coil):

Precision machined Barrel & housing adapters Heavy cal. .50 (12.7 X 99mm)

Length: (w/ flash diverter) 47 inches / 119.4 cm
Weight: 59 lbs / 26.8 kgs

FIRING ASSEMBLY:

Rate of Fire: 4-10 Second Cycle Rate
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.
- Easy installation, saving valuable range time.
- Fires both the sabotaged and ball 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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