

Tank Cannon Fire Simulator DM54 A1 / DM64



Main Gun Signature Simulators



Launcher DARKAS 17 with Simulators



Launcher mounted on tank

Application:

Laser based "firing" during force-on-force training demands a visual differentiation between "firing" and "hit". The simulation of muzzle flashes of the main gun on battle tanks provides clear information to all participants during combat training which tank is engaged in active combat. The same applies to Range Gunnery Signature Simulation (RGSS) indicating hostile fire to tank crew engaging tank target:

Description:

Main Gun Signature Simulators are used in:

Operation:

- Tank mounted launchers e.g. DARKAS.
- Range Gunnery Signature Simulators on firing.
- Fire Marker Units to simulate IED-Simulation.
- Ground burst simulation of artillery and mortar shells.

Characteristics:

The Main Gun Signature Simulator produces a bright flash, a very loud report (175 dB) and a clearly visible cloud of white smoke.

Signature: Muzzle flash, loud report and white smoke

Sound pressure: 170 dB at 1m (DM54)

140 dB at 1m (DM64)

Visibility: at least 3.000m

Safety Distance: 50m in firing direction and 30m to each side.

Specifications:

Length: 143mm

Width: 50mm

Weight: 130g

Net Explosive Mass DM54: 42g

Net Explosive Mass DM64: 25g (DM64)

References:

In service with German Army
both DM 54 and DM 64

Product Code:

9203000 (DM54)

9200400 (DM64)

NATO Stock Numbers:

1370-12-149-7356

1370-12-332-6896

UN Number:

UN 0430

Proper Shipping Name:

Articles, Pyrotechnic

Packing:

9 items in 1 cardboard

18 cardboard boxes = 162 items in 1 wooden box

Type	Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg)	Vol m ³ approx.
DM54	162	1.3 G	6.8kg	43kg	0.13m ³
DM64	162	1.3 G	4.1kg	36kg	0.13m ³

This is the standard method of pack. Other packs may be available subject to specification. Please contact our sales team to discuss your requirements.