

Surface-to-Air Missile Simulator ManPADS M 176



WESS Launcher



Product picture



Smoke signature

Application:

Shoulder launched, man-portable surface to air missiles (ManPADS) are a serious threat to helicopters and other low flying aircrafts. With an identified incoming missile, pilots are required to carry out escape manoeuvres besides the usage of the on board decoy systems. To visualise the threat scenario is essential during training.

Description:

The ManPADS Simulator provides upon ignition a blast, a flare and a white smoke trail for about 10 seconds, thus simulating the launch and the flight path of a ground-to-air-missile. The ManPADS Simulator, which is self consuming and thus leaves no debris after launch, is fired from the original WESS launcher system and can be configured as:

- ◆ Single shot simulator
- ◆ Multiple-launch device
- ◆ Add-on to any LGSS system.

The ManPADS Simulator provides sufficient signature for the detection MLRS-Launchees.

Characteristics:

Signatures: Flash-bang upon ignition on ground
Flare and white smoke trail during flight

Sound pressure: approx. 140 dB at 20m
(launch noise)

Flight time: nom. 10 seconds

Light intensity: ≤ 10.000 cd.

Visibility: at least 3,000m

Safety distance: 15m from point of firing with ear protection

Specifications:

Length:	100mm
Diameter:	72mm
Diameter Bottom:	80mm
Weight:	465g
Pyrotechnic Effect Charge:	320g
Ejection Charge:	40g
Cartridge Material:	Plastic

References:

In service with US Armed Forces (M 176)

Product Code:

9208000

NATO Stock Numbers:

1370-01-603-0690

UN Number:

UN 0431

Proper Shipping Name:

Articles, pyrotechnic

Packing:

12 items in Steel Box (4A)
2 Steel Boxes = 24 items in wire bound box (4D)

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m ³ approx.
24	1.4 G	8,6 kg	21,7 kg	1,05 m 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.