

SCHIEBEL



MIMID™

MINIATURE
MINE DETECTOR

MIMID™ MINIATURE MINE DETECTOR



The MIMID™ is based on the well-proven technology of the AN-19/2 Mine Detecting Set (U.S. Army designation AN/PSS-12), the world standard for minimal metal mine detection in both military and humanitarian operations for the past ten years. The MIMID™ was developed by Schiebel to meet specific operational requirements set out by the U.S. Army NVESD Humanitarian Demining Team. The lightweight, compact, and collapsible design makes it ideally suited for use by light forces.

When folded, the unit can be carried on a soldier's web belt, in a trouser side pocket, or in a rucksack. This unique feature allows operators immediate access to the unit when needed. Due to its capability to detect mines with only minimal metal content the MIMID™ is ideally suited for military special operations where soldiers need to carry heavy equipment loads in remote areas with little, if any logistical support.

CONTROLS

The MIMID™ features a headphone socket and an internal speaker, which automatically mutes when the external headphone is connected. The loudness control knob allows for continuous adjustment of the volume. In addition, a visual LED bar indicator is integrated into the housing, providing a constant read-out of the detection signal strength. This bar indicator further enhances the ability to locate the exact center of the mine.



OPERATION

The MIMID™ can be set up for operation in less than thirty seconds. All controls are within easy reach of the operator and similar to those of the AN-19/2.

The length of the telescopic pole can be adjusted for operation in upright, kneeling or prone positions. An auxiliary power input allows for operation from external supply, such as vehicle power, batteries or a solar panel.

APPLICATIONS

The MIMID™ reduces the need to probe for mines in an emergency or rescue situation by providing individuals with a reliable means to quickly select a safe path through the mined area. The MIMID™ is a valuable asset to demining and humanitarian operations for both specialists and occasional operators.

The MIMID™ can also be part of the standard equipment issued with vehicles similar to a first aid kit. The MIMID™ is designed so that it can be easily operated by all personnel working in countries where mines are a constant threat to personal safety. It will have specific applications in demining operations where mines are a serious safety issue with all personnel. With the exception of military Special Forces, the MIMID™ is not intended to replace the proven AN-19/2 Mine Detecting Set, but to supplement the in-theater mine detection capability by providing all military and civilian personnel a practical and easy-to-use means of enhancing safety in mined areas.



ACCESSORIES

The MIMID™ comes with an upholstered fabric carry bag providing extra pockets for spare batteries, a test piece, and an optional titanium mine prodder. The unit can also be equipped with a waterproof headphone, which allows operation by divers in water up to 30 meters (100 ft) deep.

SUMMARY

The MIMID™ is a one-piece, man-portable and light-weight mine detector. It can be used as a primary demining tool or as a supplement to other countermine systems.



MIMID™ TECHNICAL DATA

NATO Stock Numbers (NSN): 6665-01-506-6219

POWER SUPPLY

Type of batteries: IEC standard size LRG
ANSI standard size AA

Number of batteries: four 1,5 V dry battery cells

Auxiliary supply: 5 to 16 V DC

IRDA communication: with IR coupler to PC
(PC optional)

TYPICAL OPERATING ENDURANCE

At medium temperature
with alkaline batteries: approx. 7 h

DETECTION RANGES

Mine with very small metal content
(Test Piece 5 CM 0.15 g): > 5 cm (2")

Typical anti-tank mine: > 50 cm (20")

ENVIRONMENTAL

Storage temperature: -55°C to +85°C
(-67°F to +185°F)

Operational temperature: -40°C to +70°C
(-40°F to +158°F)

Relative humidity: up to 95% rH

Submersed operation: up to 30 m (100 ft)

WEIGHTS

MIMID™ Miniature Mine Detector: 2,00 kg (4.41 lbs)

Mine detector: 1,36 kg (3.00 lbs)

Headphone (optional): 0,16 kg (0.35 lbs)

Carry bag incl. accessories: 0,48 kg (1.05 lbs)

DIMENSIONS

Folded: 328 x 102 x 56 mm
(12.9" x 4.0" x 2.2")

Fully extended: 1262 mm (49.7")

All data subject to change without notice

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MINE DETECTION SYSTEMS

For further information, orders and delivery please contact one of the following offices:

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