

GMWD-1200

THREE-SENSOR DETECTOR FOR MINES AND WIRES



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The GMWD-1200 is a three-sensor detector designed for detection of metal and metal-free mines and short wires. This instrument functions in 3 modes: Ground Penetrating Radar (GPR), Metal Detection (MD) and Wire Detection (WD).

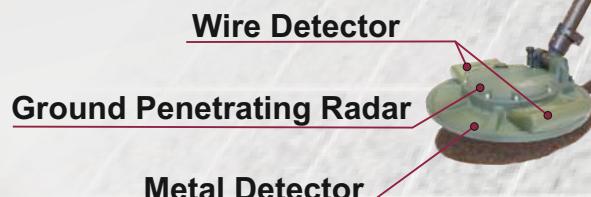
Features:

- Detection of IEDs in both metal and plastic casings
- Detection of short wires
- Three modes - Ground Penetrating Radar (GPR), Metal Detection (MD) and Wire Detection (WD)
- Independent or simultaneous operation of GPR, MD and WD
- Audio, visual and vibro signal
- Ultra High Sensitivity
- Selection of metal objects
- Waterproof up to 1 m water depth (only search head)
- Soil compensation
- Visual display readable during day and night
- Lightweight, portable, foldable, resistant design
- Friendly interface
- Operable with either hand

GMWD is a leading-edge technology detector, combining GPR, MD and WD into one Search Head. Its unique configuration equips the operator with highly reliable information about the presence of objects and wires.

Indication and Control Unit

The device can operate either as a Metal Detector, a Ground Penetrating Radar or Wire Detector, or as all in one system in its combined mode.



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Specifications:

GPR mode	
Maximum Detection depth	1,0 m
Detection depth for anti-tank mines in plastic and metal casings of TM-62P, TM-62M	0,5 m
Detection depth anti-personnel mines in plastic casings of PMN-2	0,2 m
Resolution	0,05 m
Central Frequency	1200 MHz
Metal Detector mode	
Detection depth for anti-tank mines TM-62M	0,5 m
Detection depth for anti-personnel mines PMN-2	0,2 m
Determine the center of mine	0,05 m
Wire Detector mode	
Detection depth for wires with the minimum length 1 m	0,15 m
Waterproof (only search head)	1 m
Power sources:	
- rechargeable power supply unit	NiMH
- battery power supply unit	10 pieces of AA-1.5 V type
Weight (ready for operation)	3,55 kg
Running time (using one rechargeable battery unit)	8 hours
Setting time	1 min
Temperature range	-30°C ... +50°C
Environmental	IP 66
Transport case	980x450x170 mm

The **GPR** detects objects whose electrophysical properties differ from that of the surrounding medium. This mode also is able to determine accurate positions and depth of metal-free and metal objects.

The **MD** searches for metal objects and selects targets ranging from non-ferrous metals to iron. The MD allows its user to locate minimum metal mines and select different types of object.

In the **WD** mode an operator can find short wires (the minimum length 1 m).

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Visual information from the MD, GPR and WD is displayed on the **Indication and Control Unit**, wherein the operator can select the most pertinent information to evaluate during operation. The device has the capability to store this or any information in its internal memory (up to 2 GB). The GMWD-1200 also can detect in underwater, submerging the hermetic Search Head to a depth of 1 m.

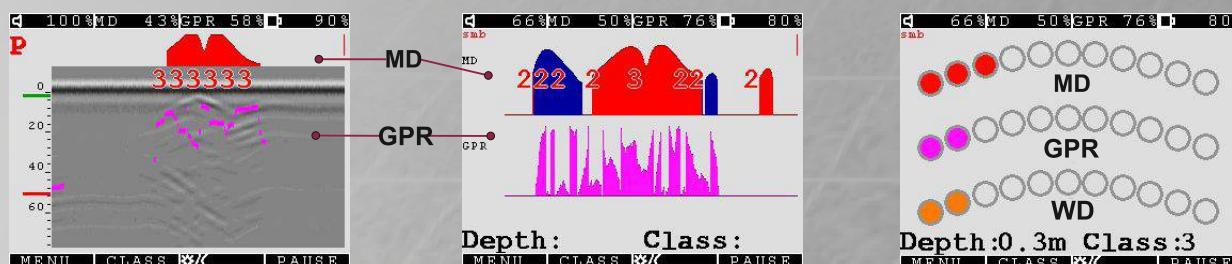
The GMWD-1200 consists of a Search Head, an Indication and Control Unit, and a Power Supply Unit affixed to its handle rod.

The device's setup and control during operation is accomplished via buttons located on the Control and Indication unit panel.



Two batteries can be charged simultaneously, with a gauge displaying battery levels available at all times.

Data at the screen



GMWD-1200 in the case



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