

Mine Detector UMD-2








The UMD-II is a versatile multi-purpose metal detector equally suitable for police, military and the civilian users. It best addresses the requirements for the explosive ordnance clearance operations with an improved ergonomic design and advanced battery management. It is suitable for detecting minor metal elements of mines. The operators need minimal training to start using this device. It has interchangeable detection heads: Halo for big area, Probe for drains & culverts.

- Single 2.4mm PEC double surface mounted technology, the processor is based on 8-bit 2*RISC ADC (8-bit 2*instruction set AD converter)
- Target detection indicated via LED display and audio tone.
- Three preset sensitivity levels and one key “Reset” function.
- Automatic self-test and calibration for operator confidence and ease of use.
- Low battery indicator.
- 5 LED alarm indicators.
- Up to 18 hours of operations.

Specifications

Detector Weight (without battery)	Control Unit+Halo: 2.1 Kg Control Unit+Probe: 1.65Kg
Weight of Control Unit	0.8 Kg
Packing case	ABS case
Total Weight	12Kg (device+case)
Detector length	Control Unit+Halo: 1080mm~1370mm Control Unit+Probe: 1135mm~1395mm
Operating and Storage temperature	-25°C~60°C
Battery	3 LEE LR20 Manganese Alkaline Dry cell (Rechargeable Li-battery is optional)
Battery Working Time	10-18 hours
Operating humidity	Water proof and operations under water possible

THIRD PARTY TESTING RESULTS

Item No.	Target Size	Detection range at low level	Detection range at medium level	Target Picture
1	268x74x144mm	30cm	40cm	
2	298x78x186mm	25cm	36cm	
3	307x54x184mm	16cm	32cm	
4	347x82x195mm	25cm	33cm	
5	275x62x134mm	17cm	32cm	
6	Coin, D25mm 6gram	7cm	16cm	