



DETECTOR

UXO PIDD 2

Applications

Handheld
Handheld

Types

Metal detectors (MD)

Last update

01/01/1970

General description

UXO PIDD® 2 is a compact metal detector with a telescopic tube. The oval, watertight search head with adjustable joint connection can be found at the lower end of telescopic tube. Power supply is given by rechargeable battery packs screwed onto the upper guide tube. The electronics are located in the lower module tube. Frontally there is the detachable loudspeaker resp. connection socket for the optional headset that can be delivered as accessories. At the rear of the electronic tube there is the switch for the delay times (9), which is accessible after removal of screw cap

Working characteristics

EBINGER is the first manufacturer of pulse induction detectors in Germany, known also as TDEM systems. These are so-called time-controlled pulse detectors, e.g. handheld mine detectors, PI large loops and EB wheeled systems. Conventional mine detectors are due to their extreme detection sensitivity for small metal parts inefficient for the UXO detection. The time factor of the detection increases by each false alarm without detector selectivity of interfering metal parts. The PIDD® system developed by EBINGER suppresses within wide limits not only ground-magnetic interfering effects but also metal fragments to a pre-programmable size. UXO PIDD® 2 offers two operation modes: step 1 dynamic, step 2 static, as well as ground adaption for interfering soil. Indication is given by a clear acoustic signal, that is modulated near the object as a tremolo effect extension of display dynamics.

Radio, audio, visual, sensitivity data

Audio output	Yes, via loudspeaker
Visual display	A visual LED and vibration alarm are included in a special version of the detector.
Sensitive adjustment	1
Ground balance	1
Connectivity	A data output at the 3pin loudspeaker socket for data recording with EB software (EPAS®/EPAD®) and the Bluetooth®* module can be delivered with the special version of the detector.

Power supply data

Battery	Li-Ionen-battery pack 11.1 V, 4.4 Ah; or Ni-MH rechargeable battery 9.6 V, 2.1 Ah,
Low battery alert	1
Low battery alert information	Low battery alert via continuous tone. Vibration alarm available optionally.
Rechargeable	1
Operating time	40 hours
Operating time information	Approx. 40 h (intermittent use) with Li-Ion battery pack; approx. 20 h with Ni-MH rechargeable battery pack
Battery charger provided	1

Dimensional data

Length	950 mm
Weight	2.6 kg
Search head size	300 mm
Shape	Oval shape, both standard and larger search head
Transport case provided	1
Transport case weight	7.1 kg
Transport case weight info	Case weight incl. detector and accessories

Factory support data

Factory support	A worldwide service network ensures permanent availability of spare parts. Operation and maintenance training is provided at Ebinger facilities or on site. Additional factory support by specially trained staff is provided on request.
Warranty	1 year warranty included. Ebinger offers prolongation
Temperature limitations	approx. -20 °C to +65 °C

Price

Reduction for higher quantity	Please get in contact for a personalized offer.
Possible to rent	1
Price for training	Please get in contact for a personalized offer.

Other

Additional equipment	Large UXO probe 420 x 280 mm available optionally.
Other models	EBINGER manufactures TDEM systems as handheld mine detectors, PI large loops, and EB wheeled systems.

Other information

NATO Stock Number 6695-12-360-1620

Images

