

UXO DETECTOR UXO PIDD® 2



Robust and handy
One knob operation
Large detection range
Static/dynamic search mode

Programmable delay steps
Non-cooperative soil suppress.
Interchangeable search heads
Adjustable length

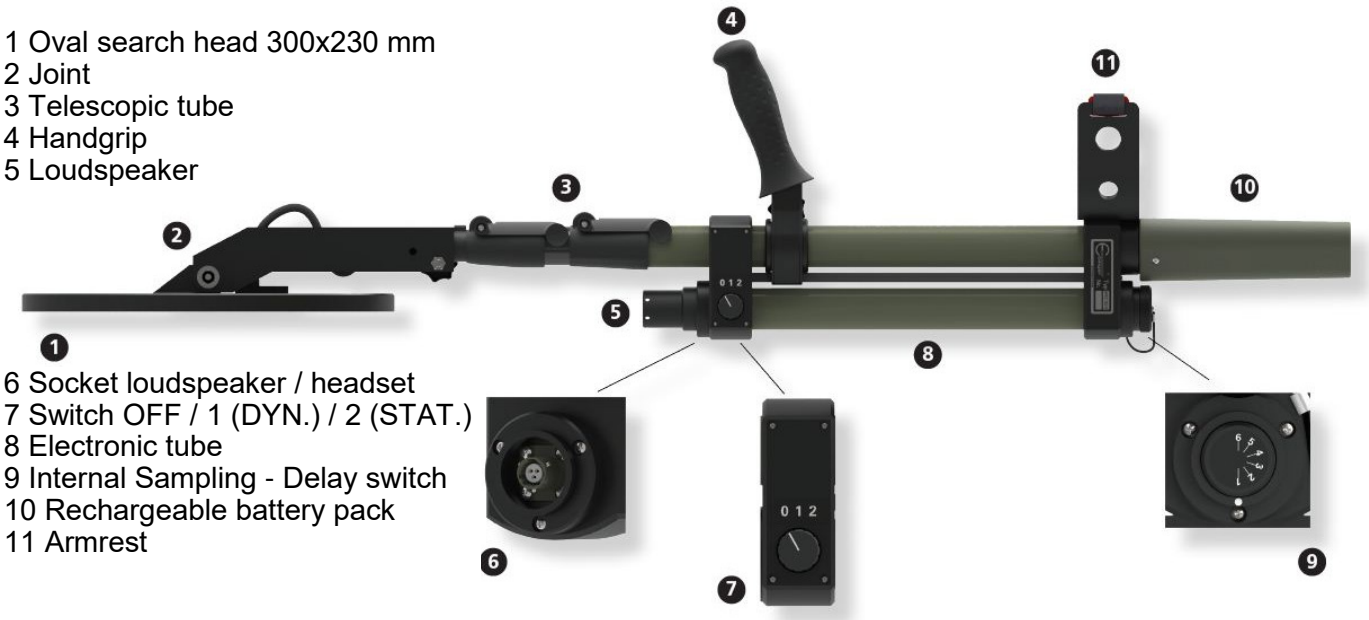
UXO DETECTOR PIDD® 2

EBINGER is the first manufacturer of pulse induction detectors in Germany, known also as TDEM systems. These are so-called time-controlled pulse detectors, like handheld mine detectors and PI large loops for example.

Conventional mine detectors are due to their extreme detection sensitivity for small metal parts inefficient for the UXO detection. The PIDD 2 system has been especially developed by EBINGER for UXO detection. It suppresses within wide limits not only ground magnetic interfering effects but also metal fragments to a pre-programmable size. The user can adjust the small objects' suppression by using the delay switch.

The UXO PIDD 2 offers two operation modes: step 1 dynamic, step 2 static, as well as ground adaption for interfering soil. Dynamic mode allows quick search of UXOs and objects buried shallowly. Static mode provides increased detection distance. Indication is given by a clear acoustic signal, that is modulated near the object as a tremolo effect, extension of display dynamics.

UXO PIDD 2 is a compact metal detector with a telescopic tube. The oval, watertight search head with



- 1 Oval search head 300x230 mm
- 2 Joint
- 3 Telescopic tube
- 4 Handgrip
- 5 Loudspeaker

- 6 Socket loudspeaker / headset
- 7 Switch OFF / 1 (DYN.) / 2 (STAT.)
- 8 Electronic tube
- 9 Internal Sampling - Delay switch
- 10 Rechargeable battery pack
- 11 Armrest

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, which is accessible after removal of screw cap.



TECHNICAL DATA	
Power supply :	Li-ion battery pack 11.1 V, 4.4 Ah Or NiMH rechargeable battery 9.6 V, 2.1 Ah
Operating time :	approx. 35 to 40 h with Li-ion batt, approx. 20 h with NiMh
Search speed approx. :	0,2 to 1 m/s
Delay times :	approx. 20 to 120 µs
Temperature range :	approx. - 20 to + 65 ° C
Dimensions	
Search head :	300 x 230 mm standard
Length :	folded approx. 950 mm, extended approx. 1.750 mm
Transport case :	840 x 350 x 150 mm (w x d x h)
Weight	
Complete with batt. :	approx. 2.6 kg (Ni MH rech battery)
Complete in transport case :	approx. 7,1 kg