

LARGE LOOP - Mine Clearance And Detection Technology

■ Overview

The Large Loop is a Mine clearance and detection technology. It is used in active service in Iraq, Afghanistan, Africa and Falkland islands to great success by the British Army

The Large Loop Pulse Induction metal detector is an ideal tool for the subsurface search on UXO and to survey large areas. The support frame for the sensing loop can be assembled in a 1m x 1m shape or in a 2m x 1m or larger configurations depending on requirements

The Large loop detects ferrous and non-ferrous metal objects. In adequate terrain it can inspect up to 2,5 ha/per day and machine. It can also be fitted to a vehicle or armoured carrier

■ Features

To improve work progress even further it is equipped with a DELAY adjuster. This feature serves to desensitize the search equipment against small metal scrap and unwanted fragments from exploded ordnance.

Target acquisition is indicated in realtime by an audio alarm and LED Sensors or a watertight and shockproof LED bargraph. For a digital survey detection data/results can be recorded by means of the EPAD Data logger. The detection data can be downloaded later onto a Laptop or PC for processing and visualisation by the EPAS software. This version meets the requirements of GIS systems and greatly supports QA/QC.

The Large Loop Detector for UXO is by far simpler to use than magnetic anomaly locators and compares in most features to a standard metal detector. Detection signals are easy to interpret and no advanced training is required for the operators. It can be operated by two or by one operator, depending on the accessories chosen



■ CONTACT US

@ info@akkula.co.uk

📍 Akkula Group

☎ +44 (0) 117 318 0845 - UK

☎ +1 (702) 509 - 7610 - Americas

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