





DETECTOR

MIL-D1

Applications

Handheld
Handheld

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The CEIA MIL-D1 is a portable, high-sensitivity metal detector designed to detect magnetic and non-magnetic metals in conductive and non-conductive soils, including laterite and those containing magnetite. The detector comprises a light detection head, telescopic handle and electronics unit. It is supplied with a canvas carry-bag and high-impact polypropylene case. The electronics unit can be an integral part of the telescopic handle, carried over the shoulder or attached to a belt using special hooks

Working characteristics

The MIL-D1 detector does not require manual calibration, and optimum sensitivity over all terrain types is provided by CEIA's Automatic Soil Compensation System. Localisation of metal objects is undertaken by a two-tone audible pinpointing system that allows the position of the detected mass to be identified accurately. The detector is manufactured in compliance with the ISO-9001 standard and has been designed to meet and exceed the relevant Military Environmental Standard most stringent operational detection requirements (MIL-STD -810G).

Radio, audio, visual, sensitivity data

Audio output	clear dual tone audible pinpointing and auto-diagnostic confident tone
Sensitive adjustment	1
Ground balance	1
Ground balance information	optimum sensitivity over all terrain types is provided by CEIA's Automatic Soil Compensation System

Power supply data

Battery	4 × ANSI standard size D: - 4 × 1.5 V alkaline (LR20) - 4 × 1.2 V NiMH rechargeable
Low battery alert	1
Low battery alert information	double tone every four second
Rechargeable	1
Operating time information	alkaline batteries > 65 hrs at 20°C; rechargeable > 40 hrs at 20°C
Battery charger information	available as an option

Dimensional data

Length	1620 mm
Weight	3.2 kg
Search head size	280 mm
Shape	circular - open
Transport case provided	1
Transport case information	high impact polypropylene
Transport case weight	7.7 kg
Transport case weight info	case only

Factory support data

Factory support	Support in Country available;
Warranty	1 year, can be extended
Humidity (limitations)	no limitations
Water resistant	1
Temperature limitations	Storage Temperature: -55 to +85°C; Operating Temperature : -46 to +70°C

Other

Additional equipment	battery charger, Technical Maintenance Toolkit, Test Pieces for Training
Detectors systems in use to date	40.000+

Other information

Images

